

**California Department of Transportation  
Stormwater Management Program  
District 7 Work Plan**

Fiscal Year

**2018-2019**

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California Department of Transportation  
Division of Design  
Stormwater Management Program  
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<http://www.dot.ca.gov/hq/env/stormwater>

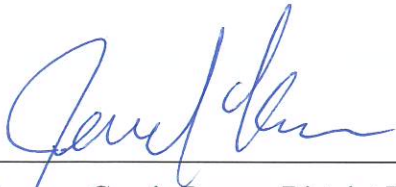
October 1, 2017



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**California Department of Transportation  
District 7 Certification  
District Work Plan 2018-19**

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**Carrie Bowen, District Director**

9/5/17

**Date**

**District 7**

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# 1 Introduction

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## General Information about the District Work Plan

The District Work Plans (DWPs) describe the organization of each California Department of Transportation (Caltrans) District's stormwater program and outline the planned stormwater activities for the upcoming fiscal year. They are prepared and submitted on October 1 each year. Since the DWP is District-specific, each Regional Water Quality Control Board (RWQCB or Regional Board) is provided a copy of the DWPs relevant to their jurisdiction.

This DWP presents information about District 7's water bodies, Best Management Practices (BMPs), and monitoring programs. It describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2018-19. Implementation activities will be conducted in accordance with the procedures presented in the SWMP. In addition, this DWP fulfills Provision E.3.b of the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRs) for State of California Department of Transportation* (Order Number 2012-0011-DWQ, NPDES Number CAS000003, Effective July 1, 2013) (NPDES Permit). The NPDES Permit was amended by Orders WQ 2014-0006-EXEC (January 17, 2014), WQ 2014-007-DWQ (May 20, 2014), and WQ 2015-0036-EXEC (April 7, 2015). A conformed NPDES Permit was issued on April 7, 2015 (Conformed NPDES Permit), available on the California State Water Resources Control Board's (SWRCB) website:

[http://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2012/wq2012\\_0011\\_dwq\\_conformed\\_signed.pdf](http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2012/wq2012_0011_dwq_conformed_signed.pdf)

The DWP's eight sections describe how the District plans to implement the stormwater program during the upcoming fiscal year. Section 1 introduces the DWP, describes its organizational structure, and identifies the key goals and commitments made by the District for the upcoming fiscal year. Section 2 describes the personnel with stormwater operations responsibilities in the District. In Section 3, the District's facilities are listed and categorized by type and location. Section 4 describes and identifies the high-risk locations where spills from the District's owned rights-of-way, roadways, or facilities can discharge directly to a drinking water reservoir or groundwater recharge facility. In Section 5, the District's road segments that are prone to erosion are identified. Section 6 summarizes the District's implementation activities, including projects that will be in the design and construction phases during the fiscal year, maintenance projects, and planned stormwater monitoring activities. Section 7 identifies the planned region-specific activities (if applicable) to address the requirements listed in Attachment V of the Conformed NPDES Permit. Section 8 identifies deviations that occurred from the prior DWP that resulted or will result in noncompliance with the Conformed NPDES Permit or SWMP and describes improvements performed in response to the incidents of noncompliance.

## District Goals and Commitments

The current goals of District 7 include improving Conformed NPDES Permit compliance monitoring practices, enhancing BMP implementation, and public outreach. The following are some of the goals for the respective stormwater departments:

- The District will continue to update the treatment BMP spreadsheet of treatment BMP locations monthly and submit it to Headquarters. This will facilitate gathering information for Table 6-1. This spreadsheet fulfills the requirement from Headquarters to maintain a database of all treatment BMPs implemented in each District.

- The Design Stormwater Unit will facilitate incorporating water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 7. The Design Stormwater Unit also facilitates the incorporation on Design Pollution Prevention (DPP) elements into all projects. This follows through with the permit requirements and helps the District to maximize its Compliance Unit goals.
- The Total Maximum Daily Loads (TMDL) Unit will ensure that Caltrans implements and participates in joint implementation of adopted TMDLs that assign waste load allocations to Caltrans per Conformed NPDES Permit Attachment IV requirements.
- The Stormwater Corridor Studies Unit will provide a yearly report to the Natural Resources Defense Council (NRDC) on achievement of NRDC goals as set forth in the stipulation goals per watershed.
- The Construction Stormwater Unit will properly implement the SWMP and the DWP within the Division of Construction.
- The Maintenance Unit will implement a stormwater program that uses BMPs for stormwater protection during all its roadway maintenance activities. The District will minimize the use of vegetation control products and/or eliminate pollutant runoff. The District will inspect, repair, or clean the storm drain system.
- The Encroachment Permit Stormwater Coordinator will ensure that all encroachment permits issued to agencies, public entities, private developers and owners, and utility companies encroaching within Caltrans' Right-of-Way (ROW) comply with the current Conformed NPDES Permit and SWMP, and are consistent with what is required of Construction and Design.
- The ROW Stormwater Unit will comply with the Conformed NPDES Permit as required through the SWMP.
- The District is dedicated to educating its staff and the public, in partnership with other stakeholders, to reduce stormwater runoff pollution.



## **2 District Personnel and Responsibilities**

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Section 2 of the DWP describes positions, addresses, and telephone numbers of personnel with responsibilities for stormwater operations within the District. This section also identifies positions having signatory authority for various notifications or documents required for submittal by a District (e.g., Project Registration Documents, including Notices of Intents or NOIs).

### **District Stormwater Manager**

The District Stormwater Manager is in charge of all stormwater activities under the Division of Design in the District. The District Stormwater Manager is accountable for establishing an effective stormwater program and maintaining a liaison with Headquarters and other District Program Managers (Division Chiefs) for the purpose of effective communication, collaboration, and coordination of stormwater activities. The District Stormwater Manager provides support, direction, and guidance to the District Stormwater Coordinator (DSWC). The responsibilities of the District Stormwater Manager include the following:

- Align District efforts to achieve compliance with the Conformed NPDES Permit, TMDLs, and Corridor Studies.
- Serve as the alternate signatory authority in the District for all compliance documents and commitments regarding stormwater management.
- Manage Stormwater Corridor Studies and TMDL compliance as they pertain to Caltrans District 7 goals and objectives related to stormwater management.

### **District NPDES Stormwater Coordinator**

Under the general direction of the District Stormwater Manager, the DSWC is responsible for developing District stormwater quality policies and guidance and daily management of the District's stormwater quality program. The DSWC is responsible for identifying issues and developing recommendations related to stormwater quality, regulated wastes, and other environmental issues that affect water quality. The DSWC supervises staff, which supports and executes activities of the DSWC and the Stormwater Management Program. The responsibilities of the DSWC include the following:

- Act as the primary liaison and single point of contact on stormwater and waste discharge issues between the District and Headquarters, the RWQCBs, the U.S. Environmental Protection Agency (USEPA), and other agencies.
- Interpret and implement the statewide Conformed NPDES Permit and Construction General Permit. Under the terms of the Caltrans Statewide Storm Water Permit, file Notification of Aerially Deposited Lead with the RWQCB for all applicable projects.
- Provide quality assurance prior to approving Storm Water Data Reports (SWDRs); provide water quality guidance for permit compliance issues related to design, construction, and maintenance; review any stormwater-related documents from Headquarters and other agencies in a timely manner, and assign work for the Stormwater Unit.
- Participate in the preparation and submittal of reports, such as the DWP and Annual Report.
- Assist in preparing responses to Notices of Violation (NOVs) and other actions by regulatory agencies.
- Attend Project Development Team (PDT) meetings, attend Quality Review Meetings, and coordinate with municipalities on stormwater management issues.

- Provide input and clarify concerns regarding permanent treatment BMPs. Review project details and identify what services will be provided to the Project Engineer (PE). Work with the PEs to fulfill the requirements for the completion of an SWDR and identify the type of document required (Short or Long Form).
- Represent District 7 in the Project Design Stormwater Advisory Team (PDSWAT) and Water Quality Stormwater Advisory Team (WQSWAT). Serve as a representative in the Construction Appeal Panel. Coordinate and address work requests between Headquarters and the functional units in the District.
- Work with Headquarters to develop and review stormwater guidance manuals. Coordinate training classes for District staff.
- Review task orders and technical studies published by the District and Headquarters.
- Implement the recommendations of the Stormwater Corridor Studies into appropriate new construction and major reconstruction projects as the projects are developed in these corridors.
- Ensure implementation of District Directives 25, 31, 32, 81, 91, 92, and 95 as related to stormwater issues.
- Provides input into the District's Stormwater Portal for NPDES Stormwater Unit.

## **Design Stormwater Coordinator**

The responsibilities of the Design Stormwater Coordinator include:

- Target and stress the implementation of Design Pollution Prevention and treatment BMPs on District projects.
- Attend PDT meetings.
- When requested, attend field reviews with the PE to identify project details, field conditions, and potential locations for treatment BMPs during the Project Initiation Documentation (PID), Project Approval/Environmental Document (PA/ED), and Plans, Specifications, and Estimates (PS&E) phases.
- Evaluate and recommend permanent control and treatment control measures for addressing project stormwater impacts. Help to identify the costs related to water pollution and erosion control in Project Reports and PS&E. During the PS&E phase, coordinate treatment design with the Hydraulics and Landscape Architecture sections, which prepare portions of the PS&E documents.
- Review all SWDRs with an emphasis on the sections that deal with DPP and treatment BMPs.
- Approve SWDRs as the designated Landscape Architect Reviewer.
- Participate in the PDSWAT and WQSWAT.
- Assist and provide reviews concerning Headquarters' development of new specifications, details, and guidance materials related to erosion and sediment control.
- Ensure implementation of District Directives 25, 31, 32, 81, 91, 92, and 95 as related to stormwater issues.
- Verify BMPs in the field upon construction completion.

- Maintain the District's Master Permanent BMP Spreadsheet indicating the status of BMPs in Design, Maintenance, and Construction.
- Provides input into the District's Stormwater Portal for Design Stormwater.

### **TMDL Stormwater Coordinator**

The responsibilities of the TMDL Stormwater Coordinator include:

- As the primary contact person for TMDL compliance, represent the District to coordinate TMDL compliance with USEPA, the RWQCBs, other regulatory agencies, and local municipalities within the boundary of District 7.
- Coordinate with other local agencies to promote compliance with TMDLs, and when invited, assist the RWQCBs in developing future TMDLs.
- Participate in various watershed stakeholder groups in the development of TMDL implementation and watershed management plans, and coordinate TMDL-related matters with District staff, other Districts, and Headquarters.
- Provide input into the District's Stormwater Portal for TMDLs.

### **Stormwater Corridor Studies Manager**

The Stormwater Corridor Studies Manager provides support on the NRDC Lawsuit. Maintains inventory of BMPs currently in operation. Monitors Water Quality Volume (WQV) goals within each watershed.

- Prepare a quarterly progress report as addressed in Paragraph 11, Stipulation and Order, dated January 17, 2008, NRDC v. van Loben Sels.
- Program the State Highway Operation and Protection Program (SHOPP) 335 Storm Water Mitigation. Develop projects for TMDLs to comply with the Conformed NPDES Permit.
- Verify constructed BMPs with the SWDR.

### **Maintenance Stormwater Coordinator**

As the primary contact for Maintenance stormwater issues, the Maintenance Stormwater Coordinator tracks and reports the District's response to illegal connections/illicit discharges (IC/IDs) and non-permitted, non-stormwater discharges. In addition, the Maintenance Stormwater Coordinator reviews stormwater programs for elements related to the Division of Maintenance, monitors and evaluates BMP implementation, and effectiveness for Maintenance activities, participates in meetings that potentially impact Maintenance, prepares materials for the District's maintenance portion of the Annual Report, and coordinates with the Headquarters Division of Maintenance to arrange for training of District personnel in stormwater management. Provides input into the District's Stormwater Portal for Maintenance.

### **District Construction Stormwater Coordinator**

The District Construction Stormwater Coordinator (DCSWC) is responsible for implementing/enforcing District stormwater quality policies and guidance and daily management of the District's stormwater quality program during the construction phase. The DCSWC is responsible for identifying issues and developing recommendations related to stormwater quality, regulated wastes, and other environmental issues that affect water quality. The DCSWC supervises staff, which supports and executes activities of the DCSWC and the Stormwater Management Program.

The responsibilities of the DCSWC include:

- Act as the primary liaison and single point of contact during construction on stormwater and waste discharge issues between the District and Headquarters, the RWQCBs, USEPA, and other agencies.
- Interpret and implement the statewide Conformed NPDES Permit and Construction General Permit (CGP).
- Provide quality assurance prior to approving SWDRs; provide water quality guidance for permit compliance issues related to design, construction, and maintenance; review any stormwater-related documents from Headquarters and other agencies in a timely manner; and assign work for the Stormwater Unit.
- Participate in the preparation and submittal of reports, such as the DWP and Annual Report.
- Assist in preparing responses to NOVs and other actions by regulatory agencies.
- Attend periodic PDT meetings, Quality Review Meetings, and coordinate with municipalities on stormwater management issues.
- Provide input while reviewing project details and identifying what services will be provided to the PE. Work with the PEs to fulfill the requirements for the completion of an SWDR and identify the type of document required (Short or Long Form).
- Represent District 7 in the PDSWAT and WQSWAT. Serve as a representative in the Construction Appeal Panel. Coordinate and address work requests between Headquarters and the functional units in the District.
- Work with Headquarters to develop and review stormwater guidance manuals. Coordinate training classes for District staff.
- Review task orders and technical studies published by the District and Headquarters.
- Implement the recommendations of the Stormwater Corridor Studies into appropriate new construction and major reconstruction projects as the projects are developed in these corridors.
- Apply on behalf of REs for: Notices of Termination (NOT) to the SWRCB via the Stormwater Multiple Application and Report Tracking System (SMARTS) for Stormwater Pollution Prevention Plan (SWPPP) projects.
- Apply on behalf of REs for: Notice of Intents (NOIs) and SWPPP Annual Reports to the SWRCB via SMARTS.
- Review all projects SWPPP and Water Pollution Control Program (WPCP) submittals by Contractor and provide review comments for REs to make the necessary corrections.
- Attend pre-construction meetings at various field construction offices to explain SWPPP-related questions and materials to Contractors.
- Escort Independent Quality Assurance Reviewers to the construction field to perform random Construction Compliance Evaluation Plan.
- Escort RWQCB Reviewer to the construction field to determine NOT is in compliance.
- Assist REs in providing inspections for their own projects in-house and oversight inspections for local agency/private entity projects.
- Assist REs in completing and submitting IC/ID Reports to the RWQCBs via SMARTS.

- Enforce various District Directives related to stormwater issues.
- Process Certificates of Environmental Compliance for contract acceptance.
- Make payments to the Water Board pertaining to SWPPP Annual permits.
- Provides input into the District's Stormwater Portal for Construction.

### **Right-of-Way (ROW) Stormwater Coordinator**

The responsibilities of the ROW Stormwater Coordinator include the following:

- Attend all Stormwater Management Coordinator (SWMC) meetings to report on ROW activities.
- Ensure that stormwater training is available to ROW agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include stormwater inspections.
- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed stormwater property inspections for use in Annual Reports.
- Disseminate information and answer questions regarding Caltrans' stormwater policy to all ROW staff involved in stormwater inspections.
- Notify the SWMC and/or the DSWC of discharges or situations that appear to be in violation of the Conformed NPDES Permit, SWMP, or DWP.
- Report instances where ROW may conduct construction activities that require the development of an SWPPP and notification.

### **Encroachment Permits Stormwater Coordinator**

The Encroachment Permits Stormwater Coordinator (EPSC) is responsible for developing stormwater quality policies and guidance and daily management of the District's stormwater quality program in the Office of Encroachment Permits. The EPSC is responsible for, but is not limited to, providing guidance to entities outside Caltrans, to the Local Agency Resident Engineer, consulting engineers, and to the Qualified SWPPP Developer or Practitioner for the private entity or Encroachment Permit Applicant regarding the proper preparation and submittal of the Caltrans' SWPPP or WPCP documents. In addition, the EPSC:

- Works as the primary point of contact for stormwater issues during the review and inspection of the SWPPP or Caltrans WPCP projects funded and administered by private or public entities outside Caltrans.
- Serves as liaison to the Headquarters Encroachment Permits Stormwater Coordinator.
- Participates in the implementation of stormwater training for Encroachment Permit staff.
- Develops appropriate solutions to implement Caltrans stormwater requirements and policies to non-Caltrans encroachment projects.
- Reviews and accepts the permit applicant's SWPPP or WPCP document.
- Ensures that encroachment permit projects below \$1 million and primarily within the Caltrans' ROW install pre-designated treatment BMPs, as defined in the current Stormwater Corridor Study List.
- Conducts routine stormwater field inspections for Caltrans compliance.

- Coordinates with the permittees Qualified SWPPP Practitioner to resolve construction site BMP and SWPPP issues.
- Assists the Permit Inspector during final permit project closeout inspections.
- Verifies the installation of any required treatment BMPs and reports their completion to the Design Stormwater Coordinator.
- Submits accepted SWPPPs to the District NPDES coordinator as requested.
- Submits reports to the District NPDES coordinator as requested.
- Submits Threat of Discharge reports to the District NPDES coordinator.
- Submits stormwater noncompliance issues to the District NPDES coordinator.
- Prepare and submits IC/ID Reports to the District Maintenance coordinator.
- Represents Encroachment Permits in the District's NPDES Task Force Meetings.
- Represents Encroachment Permits in the Encroachment Permits and Construction Stormwater Task Force Meetings.
- Represents District 7 Encroachment Permits at Construction/Encroachment Permits SWAT and Super SWAT meetings.
- Provides input to the Caltrans Stormwater Management Program's Annual Report and DWP.
- Provides input into the District's Stormwater Portal for Encroachment Permits.
- Maintains and archives SWPPP records per CGP requirements.

The EPSC coordinates with the District NPDES coordinator on requests for compliance monitoring by the Regional Board. The EPSC and District NPDES coordinator work cooperatively during enforcement actions involving outside entities or their field staff. The EPSC works cooperatively with Permit Writers and Inspectors during permit issuance, time extensions, and permit closures to verify the outside entity's compliance with current stormwater regulations. The EPSC also coordinates Caltrans-sponsored stormwater training for the Encroachment Permits staff, which includes permit writers and inspectors.

Table 2-1 lists staff members responsible for implementing the Stormwater Management Program.

**Table 2-1: District 7 Stormwater Personnel and Responsibilities**

<b>Staff Name</b>	<b>Title</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Responsibility</b>
Timothy Tieu	Acting District Stormwater Manager	(213) 897-2584	Timothy_H_Tieu@dot.ca.gov	Primary contact for all stormwater issues. Oversees all Design Division NPDES office employees within the District.
Shirley Pak	District Stormwater Coordinator	(213) 897-0428	Shirley_Pak@dot.ca.gov	Primary contact for regulatory inquiries about implementing the statewide SWMP. Primary point of contact with HQ and other stormwater coordinators in Maintenance and Construction and Permits and Local Regional Water Board. Final District "sign-off" on all SWDRs.
Ron Russak	Design Stormwater Coordinator	(213) 897-0233	Ron_Russak@dot.ca.gov	Targets the implementation of permanent BMPs wherever practicable on District projects.
Chien-Pei Yu	Acting TMDL Stormwater Coordinator	(213) 897-0974	Chien_Pei_Yu@dot.ca.gov	As a primary contact for TMDL compliance, the District TMDL Coordinator represents the District in TMDL-related matters with the USEPA, the RWQCBs, other regulatory agencies, and other municipalities within District 7's jurisdiction.
Sunny Liem	Acting Stormwater Corridor Studies Manager	(213) 897-7516	Sunny_Liem@dot.ca.gov	Oversees the Stormwater Corridor Studies prepared by consultants and ensures that the studies are used in the design of the treatment of Caltrans' stormwater discharge in order to seize opportunities for treatment BMPs to reduce stormwater pollution.
Hussein Saad	Construction Stormwater Coordinator	(213) 897-1960	Hussein_Saad@dot.ca.gov	Primary contact for temporary construction stormwater control measures. Reviews the SWPPPs and WPCPs. Supervises inspection teams. Ensures all construction projects are in compliance with the Permit.
Charles Isaac	Maintenance Stormwater Coordinator	(213) 897-3672	Charles_Isaac@dot.ca.gov	Manages the District's Maintenance stormwater program. Coordinates, tracks, and reports the District's response to IC/IDs and non-permitted non-stormwater discharges.
Edward Delano	Encroachment Permits Stormwater Coordinator	(213) 897-2662	Edward_Delano@dot.ca.gov	Responsible for reviewing permits from local agencies, utility companies, school districts, and private developers to ensure all permits issued for encroachment into Caltrans' ROW are in compliance with the Conformed NPDES Permit, in a manner that is consistent with that required of Construction and Design. Provides additional stormwater field support to Encroachment Permit Inspectors. Primary contact between HQ, DSWC, SWMC, EPSWAT, and Permits Office.
Jimmy S. Li	Right of Way Stormwater Coordinator	(213) 897-0530	Jimmy_S_Li@dot.ca.gov	Responsible for ensuring that stormwater training is available to ROW agents tasked with property inspection responsibilities. Ensures that regular property inspections include stormwater inspections.

Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater Management Program. It also includes delegation of signatory authority for key Conformed NPDES Permit and SWMP required documents.

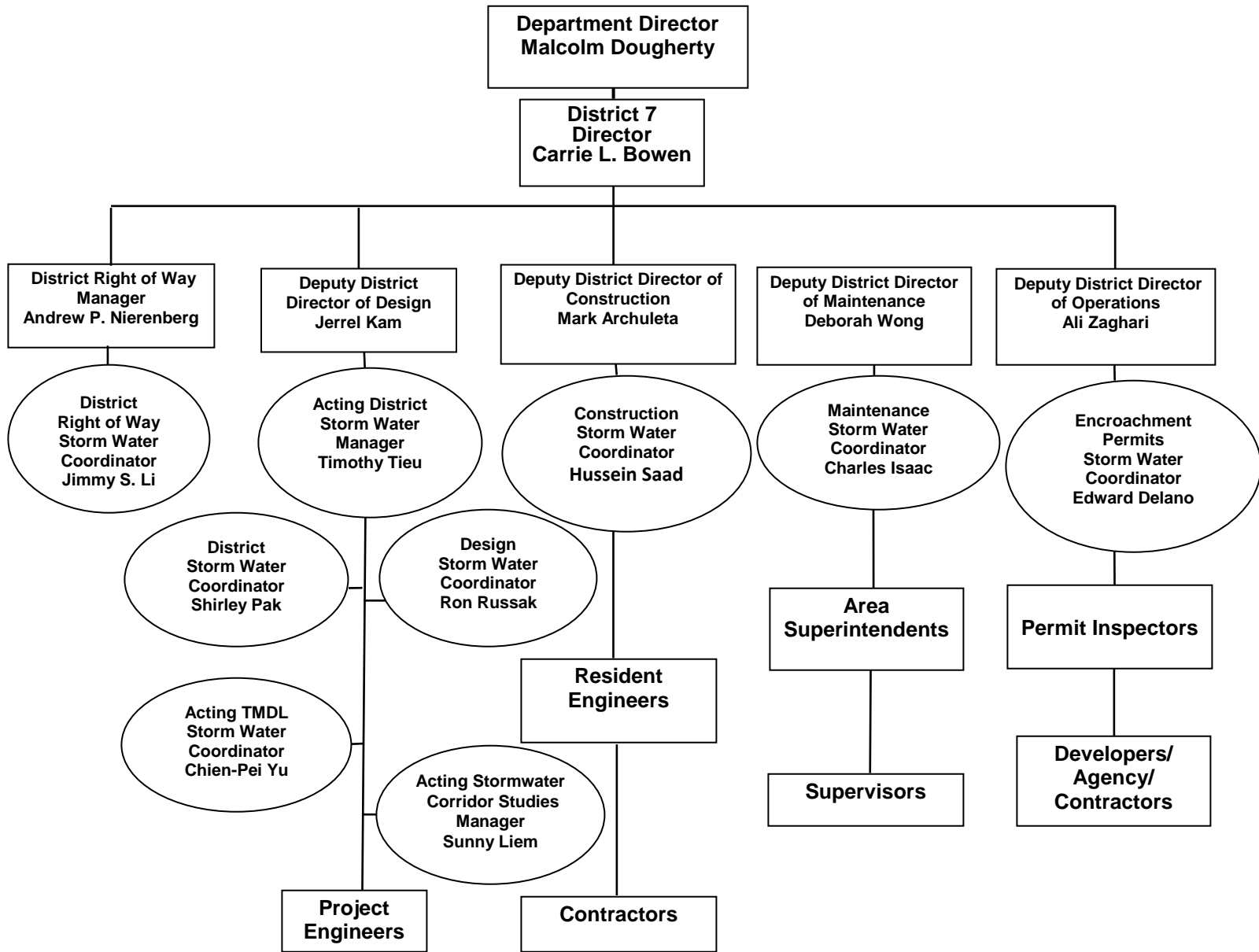
***Table 2-2: District 7 Signatory Authority for Key Documents***

<b>Position or Individual</b>	<b>Phone No.</b>	<b>E-mail</b>	<b>Documents Authorized for Signatures</b>
Project Engineer	-	-	Aerially Deposited Lead (ADL) Notification
Project Engineer, Project Manager, Design Stormwater Coordinator, Maintenance Stormwater Coordinator, District Stormwater Coordinator	-	-	SWDR
District Director	-	-	DWP
Resident Engineer, Construction Stormwater Coordinator	-	-	SWPPP, NOI, Notice of Construction Completion (NCC)
District Maintenance Stormwater Coordinator, Maintenance Area Superintendent, and Maintenance Special Crew's Supervisor	-	-	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of IC/ID
District Maintenance Stormwater Coordinator	-	-	Facility Pollution Prevention Plans (FPPP)

Figure 2-1 shows an organizational chart describing key persons with responsibilities for stormwater operations within the District.



*Figure 2-1: District 7 Organizational Chart*



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### **3 District Facilities and Water Bodies**

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Section 3 of the DWP identifies maintenance stations (including crew functions and street addresses), vista points, commercial vehicle enforcement areas, roadside rest areas, park and ride facilities, toll road and bridge plazas, equipment shops, and other Caltrans facilities. Facility Pollution Prevention Plans (FPPPs) are prepared and implemented at Maintenance facilities within the District's boundaries, such as maintenance stations, material storage facilities, and equipment shops. To comply with Department of Homeland Security policy, the table and map identifying these facilities is not available to the public. For more information, contact Caltrans' Office of Emergency Management or Division of Environmental Analysis.

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## 4 Drinking Water Reservoirs and Recharge Facilities

Section 4 of the DWP describes and identifies the high-risk areas, which are locations where spills or other releases from District-owned rights-of-way, roadways, or facilities may discharge directly to municipal or domestic water supply reservoirs or groundwater percolation facilities. Projects that potentially drain to these high-risk areas consider project features that enhance spill response.

Drinking water reservoirs and recharge facilities are areas such as locations where spills from District-owned ROWs or facilities can discharge directly to municipal or domestic water supply reservoirs or groundwater percolation facilities. To generate the list of municipal, domestic water supply reservoirs, and groundwater percolation facilities, the District first contacted known public and private water supply providers. From the information received, the District determined which facilities were susceptible to a direct spill from a District activity or facility. This determination was based on proximity between the water body and the District's facility, use characteristics of the facility, and the probable spill response time.

When planning projects within these defined areas, District 7 considers project design features for aiding in the prevention of accidental spills that could impact the area; these features are typically commensurate with safety improvements for reducing vehicle accidents. Examples of these features may include, but are not limited to, median barrier, guardrail, signalization, and vehicle restrictions. Features considered for improving spill response time typically include elongated drainage paths, call boxes, signage, or video surveillance.

A list of drinking water reservoirs and recharge facilities within District 7 is presented in Table 4-1.

*Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities*

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 1, PM 8.172-8.824	VEN	4	Mugu Lagoon	The lagoon has three sections: the western arm, eastern arm, and central basin. Wetland acreage is 1,474.3 historic acreage. Its tributary is Calleguas Creek, which is 343 square miles of the watershed. The other source is from groundwater. Pesticides have been found in the water body. Birds, fish, and insects use the lagoon as an ecological habitat.	The lagoon is located within Naval Air Weapons Station, Point Mugu, 8 miles southeast of the City of Oxnard, in Southern Ventura County.

**Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities**

<b>Road Segment/ Facility</b>	<b>County</b>	<b>Regional Board</b>	<b>Drinking Water Reservoir or Recharge Facility Area</b>	<b>Description</b>	<b>Comments</b>
SR 5, PM 9.47-9.59 Bridge #53-639	LA	4	Rio Hondo Coastal Spreading Ground	First used in 1937-38, the shallow spreading ground (SG) and its gross area is 570 ac and wetted area is 430 ac.  Channel capacity is 40,000 cubic feet per second (cfs) and percolation is 400 cfs.	Located in the cities of Montebello and Pico Rivera Basin, Rio Hondo is situated over a geologic uplift in the Central Basin.  Rio Hondo SG are holding ponds that collect local stormwater runoff, imported water, and highly treated recycled water, and allow water to percolate from the surface of the ground into the aquifers below ground.
SR 5 PM 41.6/ 42.79	LA	4	Los Angeles Reservoir/Upper Retention Basin/Lower Retention Basin	This 10,000 acre-foot (ac-ft) reservoir is the terminal reservoir for the Aqueduct System. Its storage allows large changes in the supply to the distribution system while aqueduct inflow remains relatively constant.	The LA Reservoir replaces the Van Norman Reservoirs, which were damaged during the February 9, 1971 earthquake. The Lower Retention Basin works in conjunction with the main Los Angeles Aqueduct System, which supplies 80% of the City's water.
SR 5 PM 39.28/40.46 SR 118 PM R10.86/R11.62	LA	4	Pacoima Spreading Ground	This shallow basin was first used in 1932-1933. Its gross area is 169 ac, and wet area is 107 ac. Its channel capacity is 17,000 cfs, intakes is 600 cfs, storage of 440 ac-ft.	The spreading ground is located on both sides of the old Pacoima Wash Channel from Arleta Ave. southwesterly to Woodman Ave.
SR 10, PM 38.32/38.51	LA	4	Walnut Creek Spreading Ground	This deep basin was first used in 1962-63. Its gross area is 16 ac, and wet area is 8 ac. Its channel capacity is 8,000 cfs, intakes is 150 cfs and storage of 170 ac-ft.	The SG is located in the City of Covina. Located just north of Garvey Ave North and west of Grand Avenue. It is controlled by the LACFCD from Puddingstone Reservoir and uncontrolled flows from Walnut Creek.
SR 23 PM 0.22-0.35	VEN	4	Lake Eleanor	Lake Eleanor is on Eleanor Creek in Ventura County. Used for Recreation purposes. Its normal surface area is 9 ac. Its height is 37 feet (ft) with a length of 140 ft and with a normal storage of 104 ac-ft. It drains an area of 1.2 square miles.	It is owned by Conejo Recreation and Park District.

**Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities**

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 39, PM 15/16.5	LA	4	San Gabriel Canyon Spreading Ground	First used in 1917, this basin has a gross area and wetted area of 165 ac as well. There are two intakes to this facility: one is fed from surplus "Committee of Nine" flows, and the other is from the river into basin No. 2. The capacity of the channel is 98,000 cfs. The percolation rate is 50 cfs.	Located east of San Gabriel River and below the mouth of San Gabriel Canyon, north of the City of Azusa.  Los Angeles County Department of Public Works spreads imported water from MWD and the San Gabriel Valley Municipal Water District (SGVMWD) in the facility.
SR 39 PM 19.17/21.45	LA	4	Morris Reservoir	Started in 1932 and completed in 1935. Capacity is 22,463 ac-ft. The drainage area is 14.3 square miles. The San Gabriel and Cogswell Dam control 202.7 square miles. The Spillway elevation is 1,152 ft.	This site was a naval weapons test facility from WW2 to the early 1990s. Site was used for the development of submarine-based warfare systems. Located in the San Gabriel Mountains about 5 miles north of the City of Azusa below San Gabriel Reservoir. The mean elevation is about 1,400 ft.
SR 39 PM 22.17/26.52:	LA	4	San Gabriel River Reservoir	The main use and purpose of the reservoir is for flood control, water conservation, and capture of stormwater runoff and snow melt in the reservoirs of Cogswell, San Gabriel, and Morris Dams. Started in 1932 and completed in 1939. The drainage area is 163.5 square miles (uncontrolled) and 39.2 square miles (controlled). Its capacity is 43,646 ac-ft.	This is located in the San Gabriel Canyon, 7.5 miles north of the City of Azusa.
SR 605, PM R15.56, Rte 164 PM 1.38/2.06	LA	4	Whittier Narrows Flood Control or Basin/Whittier Narrows Dam/Channel	The purpose of the basin is to collect runoff from the uncontrolled drainage areas upstream along with releases into the San Gabriel River from Santa Fe Dam. The capacity of the Rio Hondo downstream from Whittier Narrows Dam is approximately 1,034 m <sup>3</sup> /s. The basin's capacity is 67,060 ac-ft. Its height is 56 ft. Built in 1957.	The dam provides water conservation storage and is the central element of the LA County Drainage Area flood control system. The project is constructed by the U.S. Army Corps of Engineers.

**Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities**

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 101, PM 17.52/18.48: SR 405 PM 39.43/41.27	LA	4	Sepulveda Flood Control Basin or Sepulveda Dam/ Reservoir	Built in 1941, the purpose of the reservoir is flood control. Its height is 57 ft with a length of 15,440 ft. Maximum discharge of 99,540 cubic ft per second. Its capacity is 27,563 ac-ft. Normal storage is 1-ac-ft. It drains an area of 152 square miles.	The reservoir is a flood control project. The project is constructed by the U.S. Army Corps of Engineers.
SR 150 PM 6.39/ 11.39	VEN	4	Lake Casitas	A lake formed by Casitas Dam in Coyote Creek 2 miles before it joins the Ventura River. It Was completed in 1959, and stands 279 ft tall. It has a capacity of 254,000 ac-ft. The dam was built as part of the Ventura River Project.	Built by the U.S. Bureau of Reclamation.
SR 170, PM 19.75/20.55 SR 5, PM R36.15/ 36.34	LA	4	Branford Spreading Basin/Tujunga Spreading Ground	First used in 1956-57, this deep basin has a gross area of 12 ac and wetted area of 7 ac. Outlet channel capacity 1,540 cfs to Pacoima Diversion Channel.	Located southwest of Arleta Ave. above the confluence of Tujunga Wash and Pacoima Diversion Channel. In-stream spreading facility. The LACDPW spreads imported water from MWD and the SGVMWD in the facility.
SR 605 PM 24/25.76; SR 210, PM R36.54/ 36.98	LA	4	Santa Fe Spreading Ground/Flood Control Basin/Reservoir/ Dam	This shallow basin was first used in 1953-54. Its gross area is 338 ac, and wetted area is 168 acres. Its channel capacity is 98,000 cfs, intake capacity is 600 cfs, and storage capacity is 540 ac-ft. Its percolation is 400 cfs.	The Santa Fe Flood Control Basin can be found on the Baldwin Park USGS quad topographic map.
SR 210 PM 5.14	LA	4	Lopez Spreading Ground	This shallow basin was first used in 1956-1957. Its gross area is 18 ac, and wetted area is 12 ac. Its intake capacity is 25 cfs, storage capacity is 24 ac-ft, and percolation is 15 cfs.	The location is on the southeasterly side of Pacoima Wash, northeasterly of Foothill Blvd., with controlled flows from Pacoima Dam and Lopez Flood Control Basin.
SR 210 PM R7.63/9.08	LA	4	Hansen Spreading Ground/Flood Control Basin/Reservoir/ Dam	These shallow basins were first used in 1944-45. The gross area is 156 ac, and wetted area is 105 ac. Channel capacity is 22,000 cfs. Its intake capacity is 400 cfs, and storage capacity is 279 ac-ft. The percolation is 150 cfs.	It is owned by the U.S. Army Corp of Engineers. Located northwesterly of Tujunga Wash from above Glenoaks Blvd. Southwesterly to San Fernando Rd. Controlled flows from Hansen Dam and Big Tujunga Dam.



**Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities**

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 210 PM R21.84/ 22.25	LA	4	Devils Gate Dam/Reservoir	Devils Gate is a gravity dam. Construction began in 1919 and was completed in 1920. Its drainage area is 31.9 square miles. Its capacity is 1,471 ac-ft, and its spillway elevation is 1,040.5 ft.	Devils Gate Dam is on the Arroyo Seco in Los Angeles County, California. It is owned by the Los Angeles County Department of Public Works.  It is used for drinking water, fish and wildlife protection, and flood control.
SR 210 PM 43.9/44.23	LA	4	Forbes Spreading Ground	This shallow basin was first used in 1964-1965. Its gross area is 21 ac, and wetted area is 10 ac. Its intake capacity is 100 cfs, storage capacity is 87 ac-ft, and percolation is 5 cfs.	South side of San Dimas Wash between Lone Hill Ave. and Valley Center Ave.
SR 210 PM 49.11	LA	4	Live Oak Spreading Ground	This shallow basin was first used in 1961-1962. Its gross area is 5 ac, and wetted area is 3 ac. Its intake capacity is 15 cfs, storage capacity is 12 ac-ft, and percolation is 13 cfs.	The location is on the westerly side of Live Oak Wash. North of Base Line Road, with controlled flows from Live Oak Dam and Live Oak Debris Basin.
SR 210 PM R51.72/ 52.15	LA	4	San Antonio Spreading Ground	Downstream of San Antonio Reservoir. San Antonio Reservoir was completed in 1956. San Antonio Dam's capacity is 7,582 ac-ft.	Owned by the U.S. Army Corp of Engineers.
SR 710, PM 9.62/9.84 LA 405, PM 7.6	LA	4	Dominguez Gap, Spreading Ground	A deep basin was first used in 1957-58. It has a gross area of 54 ac, channel capacity of 146,000 cfs, intake capacity of 5 cfs, storage capacity of 234 cfs, and percolation capacity of 1 cfs.	Located south of Del Amo Blvd., bordering the eastern and western sides of the Los Angeles River.
SR 23 PM 2.6/2.76	VEN	4	Westlake Dam	It spans 635 ft, is 30 ft high on the back side (the downstream side), and is 12 ft thick at the base, tapering to 2 ft at the top. Its base rests on bedrock. The top of the dam is 870 ft above sea level. It contains 14,000 ac-ft.	One of the largest privately owned dams in the U.S.

***Table 4-1: District 7 Drinking Water Reservoirs and Recharge Facilities***

<b>Road Segment/ Facility</b>	<b>County</b>	<b>Regional Board</b>	<b>Drinking Water Reservoir or Recharge Facility Area</b>	<b>Description</b>	<b>Comments</b>
SR 138, PM 56.06, 70.28 SR 14, PM 57.14	LA	6	California Aqueduct	The California Aqueduct is one of three major aqueducts running through the desert of California. The main stem of the California Aqueduct consists of 385 miles of concrete-lined open canal and 59 miles of tunnels, siphons, and pipelines. It transports up to 3 million ac-ft of water each year to State Water Project urban and agricultural users.	The aqueduct splits in southern Kern County, with one branch leading to Castaic Lake, and the other, the East Branch, heading through Antelope Valley and south to Lake Perris in Riverside County.

## 5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 7 that have slopes which are prone to erosion and sediment discharge. The road segments that are located in sensitive watersheds, or where there is an existing or potential threat to water quality, will be prioritized for implementing appropriate controls to the maximum extent practicable. In each Annual Report, the status of stabilization activities where applicable will be reported. Table 5-1 is District 7's inventory of vulnerable road segments where erosion occurs and stabilization may be required, or where rock cut slopes are located and rock falls have occurred.

*Table 5-1: District 7 Inventory of Road Segments Prone to Erosion*

Road Segment	County	Regional Board	Watershed	Scheduled Stabilization Date
Route 2A Post Mile (PM) 34.273 – 74.373	Los Angeles	Los Angeles Region 4/ Lahontan Region 6	Arroyo Seco, Upper West Fork San Gabriel River, Upper Big Tujunga Creek, Devils Canyon, Alder Creek, Upper Little Rock Creek, Bear Creek, Big Rock Creek	TBD
Route 14A PM 50 – 50.01	Los Angeles	Los Angeles Region 4	Acton Canyon	TBD
Route 27 PM 2.8 – 4	Los Angeles	Los Angeles Region 4	Garapito Creek	TBD
Route 39A PM 18.1 – 44.4	Los Angeles	Los Angeles Region 4	Santa Fe Flood Control Basin-San Gabriel River, Lower West Fork San Gabriel River, North Fork San Gabriel River, Bear Creek	TBD
Route 1A PM 7 – 8	Los Angeles	Los Angeles Region 4	Arroyo Sequit-Frontal Pacific Ocean, Mugu Lagoon*	TBD
Route 33 PM 37 – 57.5	Ventura	Central Coast Region 3/Los Angeles Region 4	Abadi Creek-Sespe Creek, Burges Canyon-Cuyama River, Apache Canyon, Reyes Creek-Cuyama River, Oak Creek-Cuyama River	TBD
Route 33 PM 11.21 – 29	Ventura	Los Angeles Region 4	San Antonio Creek*, Upper Ventura River*, North Fork Matilija Creek*, Tule Creek-Sespe Creek	TBD
Route 33 PM 34.9 – 36	Ventura	Los Angeles Region 4	Abadi Creek-Sespe Creek	TBD
Route 150 PM 20 – 21.5	Ventura	Los Angeles Region 4	San Antonio Creek*	TBD
Route 150 PM 0 – 13	Ventura	Central Coast Region 3/Los Angeles Region 4	Rincon Creek, Los Sauces Creek-Frontal Pacific Ocean, Coyote Creek*, Upper Ventura River*	TBD

\* Watershed contains a waterbody that has a Category B (Sediment/Nutrient/Mercury/Siltation/Turbidity) TMDL established.

Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 7 in 2016, including rock cut slopes, landslides, and moderate soil erosion.

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## 6 Implementation

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Section 6 of the DWP identifies the specific projects in which work is planned during the fiscal year within the PA/ED, PS&E, and Construction development phases. The anticipated schedule of construction and maintenance projects is subject to change. These projects are limited to those meeting any of the following criteria:

1. All projects that require soil disturbing activities
2. Adjacent to a Drinking Water or Groundwater Recharge Facility, as described in Section 4 of the DWP
3. A supplemental environmental project
4. Additional projects per agreement between the District and local RWQCB

Projects listed in Table 6-1 include (where applicable):

1. Location (county, route, and post mile limits)
2. Project number (expense authorization)
3. Basic Project Description
4. Disturbed soil area
5. Presence of receiving waters within or adjacent to project limits, with special designation for 303(d) listed water bodies (adopted)
6. Drinking Water Reservoir or Groundwater Recharge Facility within or adjacent to project (as identified in Section 4 of the DWP)
7. Projected milestone dates of PA/ED, PS&E, begin Construction, and end Construction
8. Description of Construction Controls
9. Post-Construction Treatment Controls (types and quantities)
10. Dredge and fill (CWA-401) activities within the project
11. Other Regional Water Control Board Permits Required
12. Potential and Actual Impacts of Project's Discharge
13. Area of New Impervious Surface
14. Percentage of New Impervious Surface to Existing Impervious Surface

The updated lists of projects meeting these criteria will also be provided to the RWQCB annually on October 1st. Furthermore, this section identifies planned maintenance projects with soil disturbance. Information associated with the project includes location, affected water body, and area of disturbance. In addition, this section also describes the planned stormwater monitoring activities within the District; however, these activities may be conducted jointly with other Districts and HQ. Consequently, the information contained in a DWP may be repeated in another DWP.

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Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>2,3</sup>	Water Bodies Within or Adjacent to Project Limits <sup>4</sup>	Dredge and Fill Activities (Y/N/NA) <sup>5</sup>	Other Regional Water Board Permits Required <sup>6</sup>	Potential and Actual Impacts of Project's Discharge <sup>7</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>8</sup>	Post-Construction Treatment Control Type, Quantity <sup>9</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
1	3W660	LA	1	0	21.9	4	Preventive Pavement Maintenance -Digouts Slurry Seal	303(d): Los Angeles River Reach 1, Dominguez Channel Estuary, Alamitos Bay, San Gabriel River Estuary, Wilmington Drain, Machado Lake, Santa Monica Bay Offshore/Nearshore	NA	TBD	TBD	*	TBD	TBD	TBD	-	9/20/2016	12/1/2017	7/12/2018	7/15/2020
2	32090	LA	1	0.04	0.04	4	Bridge Rail Upgrade	303(d): San Gabriel River Estuary, Alamitos Bay	NA	TBD	TBD	*	TBD	TBD	TBD	-	11/15/2018	1/24/2020	11/10/2022	11/19/2024
3	32160	LA	1	1	19	4	Cold Plane & Overlay AC Pavement, Install Standard ADA Curb Ramps	303(d): San Gabriel River Estuary, San Pedro Bay, Los Angeles River Reach 1, Dominguez Channel Estuary, Wilmington Drain, Machado Lake, Santa Monica Bay	N	NA	NA	6.17	0.19	TBD	SWPPP	E	2/1/2019	10/2/2020	3/1/2022	12/8/2023
4	31710	LA	1	1	1	4	Borehole Mitigation	303(d): Alamitos Bay, San Gabriel River Estuary	NA	404, 401, 1600	TBD	*	TBD	TBD	TBD	-	1/26/2018	7/25/2019	1/6/2020	1/6/2022
5	27540	LA	1	2	2	4	Seismic Retrofit (Bridge 53-0064)	303(d): Alamitos Bay, San Gabriel River Estuary	401	404, 401, Fish & Game, Army Corps, LAC, Coastal	NA	4.19	0.58	TBD	SWPPP	E	12/28/2018	2/12/2021	12/30/2021	12/29/2023
6	29080	LA	1	2.751	12.171	4	Upgrade Pedestrian Facility	303(d): Los Angeles River Reach 1, Los Cerritos Channel	N	NA	NA	1.22	0	0.00%	SWPPP	E	9/30/2015	6/1/2016	12/9/2016	11/9/2018
7	34170	LA	1	2.751	2.751	4	Install Left Turn Phase and ADA Infrastructure	303(d): Colorado Lagoon	NA	TBD	TBD	*	TBD	TBD	TBD	-	2/6/2018	4/9/2019	2/1/2022	1/31/2024
8	29910	LA	1	3.479	3.547	4	Install Pavement Delineation, Overhead Guide Signs, and Associated Roadway Improvements	303(d): Colorado Lagoon	N	TBD	TBD	*	TBD	TBD	TBD	-	7/10/2018	2/13/2019	12/18/2019	4/1/2022
9	1XA40	LA	1	4.51	4.51	4	Repair failed culvert and subsequent sidewalk and pavement damage	303(d): Colorado Lagoon	NA	TBD	TBD	*	TBD	TBD	TBD	-	-	-	-	10/26/23
10	33980	LA	1	6.021	6.021	4	Upgrade Traffic Signals and Curb Ramps	303(d): Los Angeles River Estuary, San Pedro Bay, Colorado Lagoon, Alamitos Bay, Los Angeles River Reach 1&2, Compton Creek, Dominguez Channel, Rio Hondo Reach 1	N	NA	NA	0.024	0	0	WPCP	E	8/1/2018	9/1/2019	9/1/2020	9/1/2021

<sup>1</sup> Regional Board

<sup>2</sup> Supplemental Environmental Projects designated as “SEP.”

<sup>3</sup> Projects adjacent to Drinking Water Reservoirs or Groundwater Recharge Facilities are noted (DW) and (GW), respectively.

<sup>4</sup> Water bodies with a 303(d) designation are noted in parentheses.

<sup>5</sup> If yes, a 401 permit will be required for this project. NA = Not Available at this time.

<sup>6</sup> Regional Water Board Permits required other than CGP and Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.

<sup>7</sup> This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.

<sup>8</sup> A description of the Construction Controls is available in the project’s SWPPP, WPCP, or is To Be Determined (TBD) if the Disturbed Soil Area is unavailable.

<sup>9</sup> Treatment Control Status identified by: device type/number of devices, exempt (“E”), or under consideration (“C”). See Treatment Control Status Legend below for device type abbreviations.

**Table 6-1: District 7 Anticipated Project Development and Construction Schedule**

No.	EA	Project Location					Project Description <sup>2,3</sup>	Water Bodies Within or Adjacent to Project Limits <sup>4</sup>	Dredge and Fill Activities (Y/N/NA) <sup>5</sup>	Other Regional Water Board Permits Required <sup>6</sup>	Potential and Actual Impacts of Project's Discharge <sup>7</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>8</sup>	Post-Construction Treatment Control Type, Quantity <sup>9</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
11	33020	LA	1	6.511	6.511	4	Modify Signals	303(d): Los Angeles River Reach 1 & 2, Compton Creek, Dominguez Channel, Rio Hondo Reach 1	N	NA	NA	0.024	0	0	WPCP	E	6/30/2016	1/10/2018	10/18/2018	7/9/2019
12	27370	LA	1	8.24	8.62	4	Bridge Replacement/Ramp Modification	303(d): Dominguez Channel	401	404, 1600	NA	9.6	1.7	TBD	SWPPP	C	7/14/2018	7/31/2019	5/29/2020	7/29/2022
13	30560	LA	1	9.9	9.9	4	Bridge Preservation - Paint Steel Structure	303(d): Los Angeles Harbor-Consolidated Slip and Dominguez Channel Estuary	N	NA	NA	0.2	0	0	WPCP	E	7/11/2018	8/30/2019	5/4/2020	2/1/2022
14	33170	LA	1	10.67	10.67	4	Install New Traffic and Audible Pedestrian Signals, and Enhance Lighting	303(d): Los Angeles/Long Beach Inner Harbor, Dominguez Channel Estuary, Wilmington Drain, Los Angeles Harbor-Consolidated Slip, Machado Lake	N	NA	NA	0.003	0	0	WPCP	E	6/30/2016	1/31/2018	10/31/2018	12/31/2019
15	21720	LA	1	16	16	4	Reconstruct Intersection & Signalization	TMDL: Machado Lake, 303(d): Wilmington Drain, Santa Monica Bay Offshore/Nearshore	N	NA	NA	0.243	0.243	NA	WPCP	E	12/31/2002	7/12/2018	1/31/2019	1/29/2021
16	32580	LA	1	19	33.3	4	Cold Plane & Overlay AC Pavement. Install Standard ADA Curb Ramps	303(d): Ballona Creek, Ballona Creek Wetlands & Estuary, Dominguez Channel, Marina del Rey Harbor - Back Basin, Santa Monica Bay Nearshore/Offshore	N	NA	NA	16.9	0	0	SWPPP	BIOSWL 1	2/1/2019	10/2/2020	3/1/2022	12/8/2023
17	4T990	LA	1	20.6	21.95	4	Curb Ramps	303(d): Santa Monica Bay Offshore/Nearshore	N	NA	NA	0.098	0	0	WPCP	E	4/27/2017	1/9/2018	12/12/2018	12/24/2019
18	3W320	LA	1	23.92	26.18	4	Digouts from Rosecrans Blvd. to Beg Tunnel & Slurry Seal from Rosecrans Blvd. to El Segundo Blvd.	303(d): Santa Monica Bay Offshore/Nearshore	N	NA	NA	0	0	0	WPCP	E	7/1/2015	11/21/2016	7/14/2017	07/15/19
19	29970	LA	1	26.16	26.20	4	LAX Runway 07L-25R Rehabilitation and Replace Structural Cap Over Sepulveda Blvd	303(d): Santa Monica Bay Offshore/Nearshore	N	NA	NA	0	0	0	WPCP	E	1/14/2014	3/1/2014	5/2/2016	7/18/2018
20	33880	LA	1	29.6	30.7	4	Replace OC & Construct New Bridge	303(d): Ballona Creek Estuary, Ballona Creek Wetlands, Marina Del Rey Harbor Back Basin	NA	TBD	TBD	*	TBD	TBD	TBD	-	1/25/2019	6/13/2019	9/14/2022	2/15/2024
21	1661C	LA	1	29.6	30.7	4	Widen, Replace OC, & Construct New Bridge * Split from 1661U1 * Active per PM Petition 6/23/05	303(d): Ballona Creek Estuary, Ballona Creek Wetlands, Marina Del Rey Harbor Back Basin	NA	TBD	TBD	*	TBD	TBD	TBD	-	3/26/2019	11/10/2020	9/14/2022	2/15/2024
22	32840	LA	1	34.63	34.9	4	-	303(d): Santa Monica Bay Offshore/Near Shore	NA	TBD	TBD	*	TBD	TBD	TBD	-	8/24/2018	10/25/2019	8/22/2022	8/20/2024
23	31690	LA	1	35.07	35.43	4	Enhance Tunnel Lighting, Install Queue	303(d): Santa Monica Bay Offshore/Near Shore	N	NA	NA	0.106	0	0	WPCP	E	6/30/2017	9/12/2018	6/14/2019	3/30/2021

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>2,3</sup>	Water Bodies Within or Adjacent to Project Limits <sup>4</sup>	Dredge and Fill Activities (Y/N/NA) <sup>5</sup>	Other Regional Water Board Permits Required <sup>6</sup>	Potential and Actual Impacts of Project's Discharge <sup>7</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>8</sup>	Post-Construction Treatment Control Type, Quantity <sup>9</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
24	32120	LA	1	35.59	35.59	4	-	303(d): Santa Monica Bay Offshore/Near Shore	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/24/2017	12/28/2018	10/20/2021	10/19/2023
25	27510	LA	1	38.3	38.74	4	Construct Shoulders & Upgrade Guardrails	303(d): Santa Monica Bay Offshore/Nearshore, Santa Monica Beach, Santa Monica Canyon, Will Rogers Beach	401	Army Corp, Coastal Commission, Coast Guard, Fish and Game, Fish and Wildlife, RWQCB, 404, 1600	NA	0.39	0.3	12.30%	WPCP	E	6/15/2015	6/15/2018	6/6/2019	5/19/2021
26	27460	LA	1	40.7	48.4	4	Adaptive Signal Control System	303(d). Topanga Canyon Creek, Santa Monica Bay Offshore/Nearshore, Malibu Creek, Topanga Beach, Las Tunas Beach, Las Flores Beach, La Costa Beach, Carbon Beach, Malibu Lagoon Beach, Amarillo Beach	NA	TBD	TBD	*	TBD	TBD	WPCP	-	4/30/2019	6/29/2020	12/4/2020	12/1/2022
27	34090	LA	1	40.79	48.49	4	Connect communication link between traffic signals to Los Angeles Regional Traffic Management Center, install adaptive signal control systems, changeable message signs, closed circuit TV cameras, traffic loops and sensors, and develop timing plans.	303(d). Topanga Canyon Creek, Santa Monica Bay Offshore/Nearshore, Malibu Creek, Topanga Beach, Las Tunas Beach, Las Flores Beach, La Costa Beach, Carbon Beach, Malibu Beach, Amarillo Beach	NA	TBD	TBD	*	TBD	TBD	TBD	-	6/26/2019	8/25/2020	6/22/2023	6/20/2025
28	4X970	LA	1	42.98	42.98	4	Slope Repair	303(d): Las Flores Beach, Santa Monica Bay Offshore/ Nearshore, Las Tunas Beach, Malibu Creek, Topanga Beach	NA	TBD	TBD	*	TBD	TBD	-	-	12/1/2017	1/14/2020	9/28/2020	3/15/2022
29	4Y670	LA	1	46.9	62.9	4	Pavement Preservation	303(d): Malibu Lagoon & Beach, Malibu Beach, Amarillo Beach, Santa Monica Bay Offshore/ Nearshore, Puerco Beach, Dan Blocker Memorial Beach, Solstice Canyon Creek, Escondido Beach, Paradise Cove Beach, Point Dume Beach, Zuma Beach, Trancas Beach, Sea Level Beach, Robert H Meyer Memorial Beach, Nicholas Canyon Beach, Leo Carillo Beach	N	NA	NA	0	NA	NA	WPCP	E	7/31/2012	12/10/2015	4/12/2016	7/5/2018

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>2,3</sup>	Water Bodies Within or Adjacent to Project Limits <sup>4</sup>	Dredge and Fill Activities (Y/N/NA) <sup>5</sup>	Other Regional Water Board Permits Required <sup>6</sup>	Potential and Actual Impacts of Project's Discharge <sup>7</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>8</sup>	Post-Construction Treatment Control Type, Quantity <sup>9</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
30	29930	LA	1	49.3	50.2	4	Replace Raised Median Island	303(d): Solstice Canyon Creek, Santa Monica Bay Offshore/Nearshore, Dan Blocker Memorial Beach, Solstice Canyon Creek, Puerco Beach, Malibu Lagoon, Malibu Beach, Malibu Lagoon Beach	N	NA	NA	0.74	0.12	19.35%	WPCP	E	3/14/2017	9/18/2017	9/14/2018	10/1/2019
31	29140	LA	1	55	58	4	Bridge Replacement	303(d): Trancas Beach, Zuma Beach	401	404, 1600, Coastal	NA	0.02	0	0	WPCP	E	6/30/2017	7/9/2018	1/15/2020	8/15/2021
32	3X960	VEN	1	0	28	4	Repair Copper Wire Damages	303(d): Calleguas Creek Reach 1, 2, 4, Santa Clara River Reach 1, Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No 2, Leo Carillo Beach (South of County Line)	NA	TBD	TBD	*	TBD	TBD	TBD	-	-	-	2/20/2015	4/25/2019
33	30330	VEN	1	0	4.39	4	Pavement Rehabilitation	303(d): None	N	NA	NA	0.602	0	0	WPCP	E	2/10/2017	3/2/2018	8/31/2018	1/6/2021
34	31820	VEN	1	4	4.3	4	Rock Slope Protection	303(d): None	N	NA	NA	2	0.2	NA	SWPPP	BIOSWL 1	10/15/2018	8/15/2019	4/2/2021	4/28/2022
35	2X650	VEN	1	4.5	4.5	4	Repair Structural Foundation Support	303(d): None	N	TBD	TBD	*	TBD	TBD	TBD	-	9/8/2016	7/31/2018	12/28/2018	1/29/2020
36	31440	VEN	1	21.81	26.99	4	Drainage Improvement, Repair Box Culvert	303(d): None	N	NA	NA	0	0	0	WPCP	E	7/31/2018	5/21/2019	3/9/2020	5/15/2020
37	3W330	LA	2	10.65	12.74	4	Digouts	303(d): Echo Park Lake, Los Angeles River Reach 3	N	NA	NA	0	0	0	WPCP	E	7/1/2015	10/14/16	5/9/2017	07/15/19
38	2055C	LA	2	13.9	14.1	4	Transportation Enhancement	303(d): Los Angeles River Reach 2 & 3, Echo Park Lake HR: Silverlake Reservoir	NA	TBD	TBD	*	TBD	TBD	TBD	-	11/2/2010	8/1/2018	11/29/2018	6/2/2020
39	2055A	LA	2	14.1	15.1	4	Landscape and Construct Soundwalls	303(d): Los Angeles River Reach 2 & 3, Echo Park Lake HR: Silverlake Reservoir	NA	NA	NA	0.65	0.43	NA	WPCP	E	11/2/2010	9/8/2014	2/10/2015	7/17/2018
40	3W960	LA	2	14.46	21.57	4	Replace Sign Panels	303(d): Los Angeles River Reach 3, Verdugo Wash Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/25/2016	11/1/2017	7/16/2018	7/25/2019
41	32570	LA	5	1.68	1.68	4	Construct new Southern Regional Equipment Repair Shop	303(d): North Fork Coyote Creek	NA	TBD	TBD	*	TBD	TBD	TBD	-	8/21/2017	1/11/2018	2/11/2019	10/30/2019
42	2159C	LA	5	1.8	3	4	Widen and Realign Freeway, Reconstruction of Carmenita Bridge	303(d): North Fork Coyote Creek	N	WDR 200	ADL	47.74	0.13	0.29%	SWPPP	BIOSWL 3	3/29/2002	1/29/2010	9/13/2011	7/9/2018
43	21593	LA	5	2.7	4	4	Widen and Realign Freeway (Segment 3)	303(d): Coyote Creek	401	404, 1600	ADL	52.4	9.6	27.50%	SWPPP	MF-ADS 2	6/29/2007	12/22/2011	9/18/2012	9/28/2018
44	21594	LA	5	4	5.8	4	Widen and Realign Freeway (Segment 4)	303(d): Coyote Creek	N	404, 1600	NA	84.2	18.9	33.80%	SWPPP	BIOSTP 1, INDBAS 1, MF-DSF 2	6/29/2007	1/23/2012	9/18/2012	8/20/2019
45	21595	LA	5	5.8	6.8	4	Widen and Realign Freeway (Segment 5)	303(d): San Gabriel River Reach 1 & 2	401	404, 1600	ADL	48.9	5.6	18.10%	SWPPP	BIOSWL 1, BIOSTP 1, INDBAS 1, DETBAS 1	6/29/2007	1/9/2013	5/13/2014	3/13/2020

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
46	3W780	LA	5	6.84	13.56	4	Slabs Repair and On Ramp Digouts	303(d): Los Angeles River Reach 2, Rio Hondo Reach 1,2 San Gabriel River Reach 2	N	NA	NA	0	0	0	WPCP	E	9/26/2016	12/4/2017	7/17/2018	7/16/2020
47	30550	LA	5	13.7	26.7	4	Safety Improvements; Upgrade Metal Beam Guard Railing	303(d): Los Angeles River Reach 2 & 3	N	NA	NA	0.73	0.696	NA	WPCP	E	6/27/2016	5/31/2016	1/30/2017	7/5/2018
48	30070	LA	5	13.8	19.2	4	Pavement Rehabilitation	303(d): Los Angeles River Reach 2	N	NA	NA	1.12	0.036	NA	SWPPP	E	7/9/2014	2/20/2015	7/7/2016	11/9/2018
49	22400	LA	5	14.7	15.1	-	Auxiliary Lane Addition	303(d): Los Angeles River Reach 2	NA	NA	ADL	1.139 to 1.278	NA	NA	SWPPP	BIOSWL 1, DETBAS 1, CNTBOX 1, MF-DSF 1	7/31/2017	9/27/2018	7/27/2021	6/28/2023
50	27240	LA	5	14.9	16.7	4	Install Plants for Erosion & Stormwater Source Control	303(d): Los Angeles River Reach 2	N	NA	NA	6.7	0	0.00%	SWPPP	C	4/28/2010	8/8/2013	1/9/2014	9/4/2018
51	32430	LA	5	15.17	15.17	4	-	303(d): Los Angeles River Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/2/2017	12/3/2018	9/28/2021	9/26/2023
52	22320	LA	5	17	45	4	High Speed Rail (CHSRA)	303(d): Arroyo Seco Reach 1, Los Angeles River 2, 3, & 4, Burbank Western Channel, Tujunga Wash, Verdugo Wash Reach 1 & 2, Bull Creek, HR: Los Angeles Reservoir/Pacoima Spreading Ground	401	404, 1600	TBD	*	TBD	TBD	TBD	-	12/29/2017	1/21/2021	1/3/2022	12/30/2022
53	33270	LA	5	18.26	18.26	4	Apply High Friction Bauxite Surface Treatment (HFBST), Upgrade Existing Lightings to LED	303(d): Los Angeles River Reach 2	N	NA	TBD	0.0002	0.0001	TBD	WPCP	E	2/27/2018	8/22/2019	5/28/2020	4/29/2022
54	25840	LA	5	18.4	23.2	4	Stormwater Mitigation, Construct Gross Solids Removal Devices	303(d): Los Angeles River Reach 2 & 3	N	NA	NA	10.92	0.28	2.50%	SWPPP	BIOSWL 7, LNGTBE 4, MF-ADS 1	2/9/2007	10/1/2015	1/28/2016	12/2/2019
55	29561	LA	5	19.2	28.9	4	Pavement Preservation, Slab Replacement, Shoulder	303(d): Arroyo Seco Reach 1, Los Angeles River Reach 2 & 3, Lincoln Park Lake, Echo Park Lake, Verdugo Wash Reach 1, Burbank Western Channel, LA River Reach 4	NA	TBD	TBD	*	TBD	TBD	TBD	-	1/8/2019	9/18/2020	9/30/2021	5/14/2025
56	29562	LA	5	19.2	28.9	4	Pavement Preservation, Slab Replacement, Shoulder	303(d): Arroyo Seco Reach 1, Los Angeles River Reach 2 & 3, Lincoln Park Lake, Echo Park Lake, Verdugo Wash Reach 1, Burbank Western Channel, LA River Reach 4	NA	TBD	TBD	*	TBD	TBD	TBD	-	12/7/2018	8/20/2020	9/1/2021	4/16/2025

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
57	30800	LA	5	19.2	28.9	4	Ramp Pavement Repair and ADA Curb Ramps Upgrade	303(d): Arroyo Seco Reach 1, Los Angeles River Reach 2 & 3, Lincoln Park Lake, Echo Park Lake, Verdugo Wash Reach 1, Burbank Western Channel, LA River Reach 4	N	NA	NA	0.028	0	0	WPCP	E	6/13/2014	6/23/2017	1/4/2018	12/12/2018
58	1W240	LA	5	20.31	20.31	4	Paint Bridge	303(d): Los Angeles River Reach 2, Arroyo Seco Reach 1	N	NA	NA	0.8	0	0	WPCP	E	1/6/2014	11/2/2014	7/31/2015	7/31/2019
59	33800	LA	5	20.77	20.77	4	Replace culvert clogged section on I-5 at I-5/SR-110 interchange	303(d): Los Angeles River Reach 2, Arroyo Seco Reach 1	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/2/2017	1/15/2019	10/15/2019	4/15/2021
60	29340	LA	5	25.2	25.9	4	Construct Median Barrier	303(d): Los Angeles River Reach 3	N	NA	NA	0.44	0.04	9%	WPCP	E	3/14/2014	3/27/2015	1/12/2016	7/9/2018
61	29230	LA	5	25.6	25.6	4	Widening Off-Ramp and Bridge	303(d): Los Angeles River Reach 3	401	404, 408, 1600	NA	0.62	0.13	68.40%	WPCP	E	6/29/2016	6/19/2017	3/30/2018	12/14/2018
62	12184	LA	5	26.7	29.4	4	Widen Freeway & Construct HOV Lanes (Seg 4)	303(d): Los Angeles River Reach 4, Burbank Western Channel	401	NA	ADL	22.24	7.7	12.05%	SWPPP	BIOSWL 5, MF-ADS 3, DETBAS 2, CNTBOX 3	12/29/2000	3/17/2009	12/6/2010	12/27/2018
63	30130	LA	5	28.9	29.4	4	Pavement Rehabilitation	303(d): Burbank Western Channel	N	NA	NA	3	0	0	SWPPP	E	6/22/2014	10/5/2017	9/4/2018	3/10/2021
64	1218W =12183 +12182	LA	5	29.40	31.6	4	Widen & Realign Freeway for HOV Lanes, Realign Metrolink Railroad Tracks	303(d): Burbank Western Channel	N	NA	ADL	63.41	12.1	21.10%	SWPPP	MF-ADS 2	12/29/2000	2/29/2012	12/20/2012	5/15/2020
65	4t980	LA	5	32.24	32.538	4	Los Angeles County, City of Burbank, SB Rte. 5 at Hollywood Way, Install Traffic Signal	303(d): Burbank Western Channel	N	NA	NA	0.04	0	0	WPCP	E	7/28/2017 0:00	10/20/2017	8/2/2019	7/22/2020
66	31420	LA	5	34	35	4	Bridge Paint	303(d): Tujunga Wash, Burbank Western Channel	N	NA	NA	0	0	0%	WPCP	E	7/15/2017	7/15/2019	1/17/2020	5/14/2021
67	30970	LA	5	39.2	43.8	4	Pavement Rehabilitation	303(d): Bull Creek, East Canyon Channel	N	NA	NA	26	0	0	SWPPP	BIOSWL 3, BIOSTP 2	8/1/2018	8/5/2019	4/6/2020	4/7/2023
68	31830	LA	5	50.18	50.63	4	Landscape	303(d): None	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/14/2016	4/21/2017	12/29/2017	7/19/2019
69	31870	LA	5	54.3	54.8	4	Relocate Hook Ramps	303(d): Santa Clara River Reach 5 & 6	NA	TBD	TBD	*	TBD	TBD	TBD	-	7/17/2017	4/20/2018	12/28/2018	7/19/2019
70	32880	LA	5	54.4	54.8	4	Improve the Facility	303(d): Santa Clara River Reach 5 & 6	N	NA	NA	0	0	0	WPCP	E	4/2/2019	9/20/2019	8/14/2020	3/15/2021
71	31360	LA	5	70.4	70.4	4	Drainage Rehabilitation	303(d): NONE	N	NA	NA	0.03	0	0	WPCP	E	6/1/2017	6/18/2018	3/25/2019	3/30/2020
72	31260	LA	5	75	81.8	4	Stormwater Quality Management	303(d): Pyramid Lake	N	NA	ADL	1.6	0.01	0%	SWPPP	BIOSWL 26, INDTRE 1, CNTBOX 5, LNGTBE 1	3/16/2017	2/23/2018	8/20/2018	8/31/2020
73	31250	LA	5	81.8	87.8	4	Stormwater Quality Management	303(d): Pyramid Lake	N	NA	NA	1.68	0.37	TBD	SWPPP	INDTRE 8, MF-ADS 3, 9 other, CNTBOX 2	1/13/2017	2/1/2018	8/21/2018	7/1/2020
74	33320	LA	5	85.6	88.5	5	Install solar energy system on roadway to provide electric power to support Rest Area	303(d): Piru Creek, Pyramid Lake	N	NA	NA	0.1	0.02	TBD	WPCP	E	9/1/2017	10/31/2018	8/30/2021	8/28/2023

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
75	31980	LA	5	17R	26.7R	4	Roadside Safety Improvement	303(d): Burbank Western Channel, Los Angeles River Reach 2, 3 & 4, Arroyo Seco Reach 1, Verdugo Wash Reach 1	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/6/2016	12/12/2017	10/2/2020	10/3/2022
76	32340	LA	5	59.7R	73.7R	4	Lane Replacement	Castaic Creek, 303(d): Castaic Lake, Pyramid Lake, Piru Creek	N	NA	NA	0.11	0	0	WPCP	E	9/30/2018	2/28/2020	8/30/2020	8/30/2022
77	30290	LA	5	C43.9	C46.35	4	Roadway Rehabilitation	303(d): Bull Creek HR: LA Reservoir	N	NA	NA	11.69	1.52	15.00%	SWPPP	BIOSWL 3, BIOSTP 1, CNTBOX 2	6/9/2014	3/6/2015	2/1/2016	5/2/2019
78	23750	LA	5	R23.6	R23.9	4	Widen Hyperion Overcrossing	303(d): Los Angeles River Reach 3	N	Army Corp, WDR 200	ADL	7.98	0.49	9.02%	SWPPP	BIOSWL 1, INDBAS 1	6/1/2017	4/27/2018	5/22/2020	2/16/2024
79	29450	LA	5	R45.1	R55.8	4	Native Planting and Enhancements	303(d): Santa Clara River Reach 5 & 6	N	WDR 200	ADL	25	0	0	SWPPP	BIOSTP 1, BIOSWL 15	3/21/2014	4/19/2021	11/5/2021	8/24/2023
80	25262	LA	5	R45.4	R61.2	4	Roadway Rehabilitation	303(d): Santa Clara, Santa Clara River Reach 5 & 6	N	NA	NA	95	4.03	2.22%	SWPPP	NONE	9/15/2011	8/25/2016	5/19/2017	7/17/2019
81	2332E	LA	5	R45.7	55.4	4	Construct HOV and Truck Lanes	303(d): Santa Clara River Reach 5 & 6, Bull Creek	401	404, 1600	NA	217	87	30.70%	SWPPP	BIOSWL 34, BIOSTP 2, INDBAS 2, INDTRE 1, CNTBOX 13, MF-ADS 4	9/29/2009	9/17/2018	5/14/2019	3/22/2021
82	2159U =21592	LA/ ORA	5	0, 44.3	1.5, 44.4	4	Widen and Realign Freeway (Segment 1)	303(d): Coyote Creek, North Fork	401	404, 1600	ADL	84.6	5.8	7.30%	SWPPP	BIOSTP 2, MF-ADS 3	6/29/2007	5/19/2015	7/15/2016	8/22/2022
83	32170	LA	10	3.71	13.8	4	Replace/Repair Culverts	303(d): Ballona Creek, Santa Monica Bay Offshore/Nearshore	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/2/2017	12/3/2018	8/21/2019	8/19/2021
84	29600	LA	10	11.00	14	4	Roadside Safety Improvement	303(d): Ballona Creek	N	NA	NA	2.6	1	1.17%	SWPPP	NONE	12/23/2015	1/13/2017	10/11/2017	8/26/2019
85	29660	LA	10	14	19	4	Strain (Paint and Install Catwalk)	303(d): Los Angeles River Reach 2, Lincoln Park Lake	N	NA	NA	0	0	0	WPCP	E	6/20/2013	6/26/2017	3/5/2018	7/1/2022
86	31530	LA	10	17.12	31.15	4	Metro Express Lanes Net Toll Revenue	303(d): Los Angeles River Reach 2, San Gabriel River Reach 3	NA	TBD	TBD	*	TBD	TBD	TBD	-	12/16/2014	12/21/2016	2/13/2017	7/6/2018
87	28510	LA	10	17.2	17.5	4	Construct New Busway Station	303(d): Los Angeles River Reach 2	N	NA	NA	1.27	0.76	35.30%	SWPPP	MF-ADS 1	5/10/2011	4/30/2013	3/24/2014	7/2/2019
88	24560	LA	10	18.5	18.6	4	Bridge Widening * Oversight	303(d): Los Angeles River Reach 2	N	NA	NA	0.219	NA	NA	WPCP	E	3/13/2013	7/7/2017	12/7/2018	10/15/2021
89	4U030	LA	10	19.315	19.315	4	Los Angeles County, Route 10 and Soto St. off-ramp. Upgrade ADA Infrastructure	303(d): Los Angeles River Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	5/15/2020	8/29/2017	9/30/2021	12/10/2025
90	31800	LA	10	22.3	28.2	4	Closure Pour, Deck Meth, Polyester Conc & Structural	303(d): San Gabriel River Reach 1	N	NA	NA	0	0	0	WPCP	E	10/18/2016	5/24/2017	12/21/2017	7/27/2018
91	31680	LA	10	28.18	28.28	4	Deck Replacement	303(d): Rio Hondo Reach 2	401	1602, 404	TBD	0	0	0	WPCP	E	7/20/2018	9/23/2019	7/10/2020	8/19/2022
92	30390	LA	10	31.15	37.48	4	Lane Replacement	303(d): San Gabriel River Reach 3, Walnut Creek Wash	N	NA	NA	0.02	0	0	WPCP	E	2/14/2018	10/15/2019	5/7/2020	6/16/2021
93	1170U	LA	10	33.40	37.5	4	Widen Freeway & Construct HOV Lanes (Seg. 2)	303(d): Walnut Creek Wash, HR: Walnut Creek Spreading Ground	401	NA	NA	47	26.8	42.10%	SWPPP	BIOSWL 11, BIOSTP 1, MF-ADS 1	12/31/2002	7/12/2012	2/27/2014	4/29/2019

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
94	31120	LA	10	37.2	42.4	4	Pavement Rehabilitation	303(d): Walnut Creek Wash, Puente Creek, San Jose Creek Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	9/21/2016	11/12/2017	3/22/2018	9/17/2020
95	1193U	LA	10	37.2	42.4	4	Widen Freeway, Construct HOV Lanes & Roadway Rehabilitation (Segment 3)	303(d): Walnut Creek Wash, San Gabriel River 3	401	404, 1600	NA	75	18.2	22.75%	SWPPP	BIOSWL 10, BIOSTP 1, INDBAS 1, MF-ADS 3	12/31/2002	8/12/2014	12/8/2015	12/3/2021
96	33260	LA	10	12.3R	15.5	4	Replace the raised island with concrete barrier type 60 with LED lighting on top of the barrier	303(d): Ballona Creek and Wetlands, Los Angeles River Reach 2	N	NA	ADL	3.93	0	0	SWPPP	E	9/1/2017	6/19/2019	9/15/2020	3/15/2022
97	30420	LA	10	2.2	14	4	Relocate Appurtenance, Add Slope/Gore & Narrow Area Paving. MVP: Access gates; Access Roads	303(d): Ballona Creek, and Santa Monica Bay Offshore/Nearshore	N	NA	NA	3.8	1.5	TBD	SWPPP	BIOSWL 3	1/1/2018	1/1/2019	11/1/2019	11/1/2020
98	30430	LA	10	18.2	21	4	Worker Safety	303(d): Los Angeles River Reach 2	N	TBD	TBD	3.3	0.2	TBD	SWPPP	BIOSTP 1	3/1/2018	1/4/2019	9/30/2019	9/30/2020
99	28460	LA	14	24.70	77	4,6	Transportation Enhancement	303(d): Santa Clara River Reach 7, Bull Creek, Aliso Canyon Wash	N	NA	NA	*	TBD	TBD	TBD	-	6/30/2016	3/3/2017	3/3/2017	1/21/2020
100	3W460	LA	14	27	29.85	4	Digouts and Slurry Seal	303(d): Santa Clara River Reach 7, Bull Creek, Aliso Canyon Wash	NA	TBD	TBD	*	TBD	TBD	TBD	-	7/1/2015	11/1/2017	7/10/2018	9/15/2020
101	29420	LA	14	28.08	28.08	4	Widen Northbound Off-Ramp	303(d): Santa Clara River Reach 7, Bull Creek, Aliso Canyon Wash	N	TBD	TBD	*	TBD	TBD	TBD	-	7/12/2019	11/12/2020	5/7/2021	7/22/2022
102	33760	LA	14	29	29	4	Replace the culvert drainage system	303(d): Santa Clara River Reach 7, Bull Creek, Aliso Canyon Wash	NA	TBD	TBD	*	TBD	TBD	TBD	-	3/21/2018	12/14/2018	10/15/2019	4/15/2021
103	3W450	LA	14	32.06	60.7	4, 6	PCC Grind, Slabs Repair, CPOL Shoulders, Digouts, Slurry Seal Ramps	303(d): Santa Clara River Reach 7, Mint Canyon Creek Reach 1	N	NA	NA	0	0	0	WPCP	E	7/1/2015	1/31/2017	7/14/2017	07/15/19
104	31280	LA	14	35	53.5	4	Stormwater Mitigation	303(d): Santa Clara River Reach 7	N	NA	NA	7.55	0.35	0.116%	SWPPP	OTHER - 9, INDTRE 14, MF-ADS 1	9/30/2016	2/14/2018	11/14/2018	2/10/2020
105	28450	LA	14	56.50	57	6	Transportation Enhancement	Lake Palmdale, Piute Ponds	N	NA	NA	2	0.06	3.20%	SWPPP	E	6/27/2012	2/11/2014	5/13/2014	7/6/2018
106	28360	LA	14	59	77	6	High Speed Rail * Reimburse Oversight Fr CHSRA	303(d): None	401	1600, 400	TBD	*	TBD	TBD	TBD	-	9/26/2018	1/25/2021	12/28/2022	12/30/2022
107	31600	LA	14	60.7	77	6	Reconstruct Pavement Structure & Ramps	303(d): None	NA	TBD	TBD	*	TBD	TBD	TBD	-	11/7/2018	7/24/2020	2/24/2021	8/23/2023
108	31020	LA	14	63.47	63.87	6	Operational Improvement	303(d): None	N	NA	NA	8.1	5.3	TBD	SWPPP	INDBAS 1, INDTRE 1	4/18/2018	6/17/2019	4/13/2022	4/11/2024
109	30580	LA	14	64.68	64.68	4, 6	Widen Bridge, Modify Ramps, Widen LOC St.	303(d): None	N	TBD	TBD	4.7	1.2	TBD	SWPPP	INDBAS 1	10/11/2017	10/17/2018	5/1/2019	5/13/2021
110	32890	LA	14	65.5	65.5	6	In Lancaster City, modify on/off ramps and improve local streets on Avenue L	303(d): None	401	404, 1600	TBD	*	TBD	TBD	TBD	-	9/11/2018	11/13/2019	9/7/2022	9/9/2024
111	30590	LA	14	66.73	66.73	6	Modify Ramps, Traffic Signal	Amargosa Creek, 303(d): None	N	TBD	TBD	11.3	2.4	12.50%	SWPPP	C	10/27/2017	9/11/2018	1/18/2019	12/1/2020



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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
112	30950	LA	14	70.99	70.99	6	Widen Bridge, Modify Ramps, Install Traffic Signal	303(d): None	N	TBD	TBD	8	1.6	TBD	SWPPP	BIOSWL 1, INDTRE 1, INDBAS 1, DETBAS 1	7/25/2017	5/18/2018	1/18/2019	12/1/2020
113	31080	LA	14	19R	31R	4	Roadside Safety Improvements	303(d): Santa Clara River Reach 7	N	TBD	ADL	2.1	2.06	1.70%	SWPPP	BIOSWL 2, BIOSTP 1	12/1/2017	12/31/2018	12/1/2019	12/1/2020
114	32000	LA	14	31.4R	54.31R	4, 6	Roadside Safety Improvements	303(d): Santa Clara River Reach 7	N	NA	ADL	4.24	3.63	3.40%	SWPPP	BIOSWL 1	3/29/2019	6/19/2020	8/16/2021	9/1/2022
115	31110	LA	14	54.31R	72.1R	6	Roadside Safety Improvements	303(d): None	N	NA	NA	3.92	3.92	2.60%	SWPPP	BIOSWL 1	2/1/2018	7/1/2019	7/1/2020	1/1/2022
116	29900	LA	14	59.75R	61.38R	6	Operational Improvement	303(d): None	N	NA	NA	6.19	1.28	5.12%	SWPPP	-	1/16/2016	3/23/2017	6/23/2017	6/18/2019
117	31230	LA	14	R25	R35	4	Stormwater Mitigation	Newhall Creek, Placerita Creek, 303(d): Santa Clara River Reach 6 & 7	N	NA	NA	3.37	0.32	TBD	SWPPP	DPPIA 8, INDTRE 17, DETBAS 1, MF-ADS 1	10/12/2016	1/19/2018	12/17/2018	8/30/2021
118	29100	LA	14	R32.1	R59.2	4, 6	ADA Infrastructure	303(d): Santa Clara River Reach 7, HR: California Aqueduct	N	NA	NA	0.21	0	0	WPCP	E	3/13/2015	6/23/2017	1/18/2018	10/1/2018
119	31700	LA/Kern	14	30.6; 59.55	30.6; 59.55	4,6	Place High Friction Surface Treatment	303(d): Santa Clara River Reach 7	N	NA	NA	0.01	0.01	0	WPCP	E	8/21/2017	12/1/2017	8/17/2018	8/10/2018
120	27480	LA	18	0.1	0.1	6	Replace Bridge Deck and Rail	303(d): None	N	NA	NA	0.062	0	0	WPCP	E	-	9/14/2014	1/22/2015	7/31/2018
121	28990	LA	19	4	8.4	4	Upgrade Curb Ramps and Sidewalks	303(d): San Gabriel River Reach 1, Alamitos Bay, Los Cerritos Channel, Colorado Lagoon	N	TBD	TBD	0.49	0.2	0.57%	WPCP	E	5/20/2016	4/24/2017	8/16/2018	5/22/2019
122	3W420	LA	19	7.8	8.4	4	Pavement Preservation	303(d): San Gabriel River Reach 1	N	NA	NA	0	0	0	WPCP	E	7/1/2015	1/31/2017	7/14/2017	07/15/19
123	1W760	LA	22	0	1.5	4	Digout ADA Curb Ramp Upgrade & Overlay	303(d): San Gabriel River Estuary	N	NA	NA	0.1	0	0	WPCP	E	7/31/2012	7/1/2016	6/23/2017	6/15/2019
124	32440	LA	22	0	1.45	4	Cold plane and Overlay AC pavement	30d: San Gabriel River Estuary	N	NA	NA	0.62	0	0	WPCP	E	10/3/2017	12/4/2018	9/29/2021	9/27/2023
125	30350	VEN	23	0	R3.29	4	Pavement Maintenance: Cold Plane & Asphalt Concrete Overlay	303(d): Westlake Lake, HR: Lake Eleanor, Westlake Dam	N	NA	NA	0.02	0	0	WPCP	E	6/29/2017	2/9/2018	11/15/2018	12/2/2019
126	3W710	VEN	23	3.29	11.432	4	SLABS SHOULDER RAMPS DIGOUTS SLURRY VEN 23 FROM 23/101 SEP TO NEW LA AVE UC IN 1000 OAKS AND MOORPARK, ALSO SLABS VEN 101 FROM HAMPSHIRE RD UC PM 1.622 TO TRUCK SCALES PM 9.055 IN 1000 OAKS	303(d): Calleguas Creek Reach 6, 7, 11,12 & 13	NA	TBD	TBD	*	TBD	TBD	TBD	-	9/21/2016	11/01/17	06/29/18	07/15/20
127	32380	VEN	23	4.82	7.39	4	Replace/Repair Culverts	303(d): Calleguas Creek Reach 12	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/2/2017	12/3/2018	9/28/2021	9/26/2023
128	30320	VEN	23	13.65	14.2	-	Roadway Improvements	303(d): Calleguas Creek Reach 6	NA	TBD	TBD	*	TBD	TBD	TBD	-	2/19/2015	6/29/2018	1/31/2019	2/26/2021
129	3W430	VEN	23	20.91	24.17	4	0.1 ft Cap of RHMA from Grimes Canyon 52-115 to Jct St. 126	303(d): Santa Clara River Reach 3	N	NA	TBD	*	TBD	TBD	TBD	-	7/1/2015	12/1/2017	7/16/2018	7/15/2020
130	30250	VEN	23	3.29R	11.26	4	Pavement Rehabilitation	303(d): Calleguas Creek Reach 6, 11, 12 & 13	N	NA	NA	65.6	13.11	8.33%	SWPPP	CNTBOX 4, BIOSWL 27, INDBAS 1, MF-ADS 3	8/15/2017	11/15/2019	5/19/2020	9/15/2023

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
131	29960	LA	27	7.93	10.11	4	Enhance Highway Worker Safety by Installing Weed Control Under Existing MBGR	303(d): Topanga Canyon Creek	N	NA	NA	0.15	0	0%	WPCP	Other BMP 1	6/29/2015	4/13/2017	12/7/2018	2/7/2020
132	31760	LA	27	12.276	15.041	4	Street Improvement by City of LA and Westfield Topanga	303(d): Los Angeles River Reach 6, Bell Creek, Dry Canyon Creek, Lake Calabasas, Topanga Canyon Creek	NA	TBD	TBD	*	TBD	TBD	TBD	-	7/30/2015	3/30/2018	11/30/2017	12/28/2018
133	30340	VEN	33	0	6.3	4	Slab Replacement and Cold Plane & Overlay AC	303(d): Ventura River Reach 1, 2 & 3, Ventura River Estuary, Canada Larga, Surfers Point at Seaside	N	NA	NA	1.64	0	0	SWPPP	E	7/20/2015	11/17/2017	10/19/2018	8/1/2019
134	27500	VEN	33	0	6	4	Install Treatment BMPs Devices	303(d): Ventura River Reach 1, 2	N	WDR 200	ADL	1.67	0.83	NA	SWPPP	INDBAS 3, CNTBOX 34, MF 4	2/3/2009	10/13/2016	2/10/2017	12/10/2018
135	29130	VEN	33	7.58	7.58	4	Sub-Scour Mitigation and Railing Upgrade	303(d): San Antonio Creek	401	404, 1602	NA	0.9	0	0	WPCP	E	6/26/2017	11/15/2018	9/6/2019	3/18/2022
136	30520	VEN	33	15.7	15.8	4	Repair Slope Failure	303(d): Matilija Creek Reach 1	401	404, 1600	NA	0.31	0.028	NA	WPCP	E	2/7/2011	5/9/2016	12/21/2016	12/3/2018
137	33230	VEN	33	18.88	19.04	4	Construct Concrete Barrier; Investigate Roadway Flooding	303(d): Sespe Creek, Matilija Creek Reach 2, Ventura River Reach 4, HR: Matilija Reservoir	N	NA	NA	0.02	0	0	WPCP	E	8/31/2017	10/30/2018	8/27/2021	8/25/2023
138	4T850	VEN	33	20.31	20.31	4	Drainage system restoration	303(d): Sespe Creek, Matilija Creek Reach 1, Ventura River Reach 4, HR: Matilija Reservoir	401	404, 1600	TBD	*	TBD	TBD	TBD	-	12/29/2016	2/2/2017	8/24/2017	12/22/2022
139	31780	VEN	34	6.2	6.6	4	Construct Grade Separation	303(d): Calleguas Creek Reach 4	N	TBD	ADL	11.85	4.5	123.60%	SWPPP	INDTRE 4	10/27/2017	9/27/2018	9/27/2019	11/29/2021
140	4P030	VEN	34	10.4	11	4	Drainage system rehab	303(d): Calleguas Creek Reach 2, 3,4,5,6	N	NA	NA	0.2	0	0	WPCP	E	5/15/2018	1/14/2019	2/27/2020	2/23/2022
141	30630	VEN	34	10.43	12	4	Drainage System Rehab/Repair	303(d): Calleguas Creek Reach 2, 3,4,5,6	NA	TBD	TBD	*	TBD	TBD	TBD	-	-	-	-	-
142	3W690	VEN	34	14.041	17.663	4	Slurry Seal Digout Shoulder Backing	303(d): Calleguas Creek Reach 6, Fox Barranca	NA	TBD	TBD	*	TBD	TBD	TBD	-	9/21/2016	11/27/2017	7/10/2018	10/6/2021
143	31310	LA	39	30	31	4	Bridge Preventive Maint Const	303(d): San Gabriel River East Fork, San Gabriel Reservoir	NA	TBD	TBD	*	TBD	TBD	TBD	-	7/28/2017	11/26/2018	6/28/2019	7/15/2020
144	32760	LA	39	32.2	38.4	4	Upgrade MBGR	303(d): San Gabriel River East Fork, San Gabriel Reservoir	N	NA	NA	0.6	TBD	TBD	WPCP	E	4/15/2019	6/16/2021	1/19/2022	2/6/2023
145	1W960	LA	47	0	2.3	4	BWC, PCC Profile Grind, Slabs Repair in LA County	303(d): Los Angeles/Long Beach Inner Harbor	NA	TBD	TBD	*	TBD	TBD	TBD	-	9/21/2016	12/1/2017	7/16/2018	9/27/2020
146	31850	LA	47	0.7	0.86	4	SR 47 on ramp modification and off ramp addition at Front Street	303(d): Los Angeles/Long Beach Inner Harbor	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/30/2017	1/2/2019	10/26/2021	10/24/2023
147	32610	LA	47	0.82	0.82	4	Storm Damage Repair and restore slope stability	303(d): Los Angeles/Long Beach Inner Harbor	N	NA	NA	0.3	0	0	WPCP	E	2/1/2017	5/26/2017	7/5/2018	8/5/2019

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
148	29070	LA	47	0.9	2	4	Bridge Seismic Restoration	303(d): Los Angeles/Long Beach Inner Harbor	N	NA	NA	0	0	0	WPCP	E	8/13/2012	1/27/2016	5/18/2016	8/16/2021
149	23850=13820	LA	47	3.5	5.2	4	Alameda Corridor Truck Expressway	303(d): Los Angeles/Long Beach Inner Harbor	401	Dewatering	NA	31.6	NA	NA	SWPPP	BIOSWL 3	5/19/2009	10/7/2016	10/17/2018	9/23/2021
150	33220	LA	57	1.5	6	4	Annual Element Source Control	303(d): San Jose Creek Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	6/26/2018	8/27/2019	6/22/2022	6/20/2024
151	30450	LA	57	0R	4.45R	4	Lane Replacement	303(d): Coyote Creek	N	NA	NA	3.46	0	0	SWPPP	E	8/7/2018	3/28/2019	9/3/2019	10/1/2021
152	30260	LA	57	R4.45	R12.12	4	Pavement Rehabilitation	303(d): San Jose Creek Reach 2, Walnut Creek Wash	N	NA	NA	5.11	4.27	4.80%	SWPPP	NONE	6/6/2014	4/26/2015	8/11/2016	11/29/2018
153	30180	LA	57	7.7R	11.8R	4	Roadside Safety Improvement	303(d): Walnut Creek Wash HR: Puddingstone Reservoir	N	NA	TBD	3.3	1.2	1.43%	SWPPP	BIOSWL 2	1/1/2018	1/1/2019	12/1/2019	12/1/2020
154	29020	LA	60	4.4	11	4	Construct Light Rail Transit	303(d): Rio Hondo Reach 2, Los Angeles River Reach 2, San Gabriel River Reach 3, San Jose Creek Reach 1	401	404, 1600	TBD	*	TBD	TBD	TBD	-	12/18/2020	12/29/2017	4/30/2018	6/30/2022
155	4T910	LA	60	5.67	5.67	4	-	303(d): Rio Hondo Reach 2, Los Angeles River Reach 2, San Gabriel River Reach 3, San Jose Creek Reach 1	NA	TBD	TBD	*	TBD	TBD	TBD	-	4/27/2017	8/29/2017	4/19/2019	6/27/2023
156	3X711 = 3X710	LA	60	7.4	8.1	4	Realign Ramp and Approaches to New Bridge	303(d): Rio Hondo Reach 2	N	WDR 200	ADL	4.9	0.6	NA	SWPPP	BIOSWL 2	7/2/2012	3/6/2015	12/1/2015	7/30/2018
157	31030	LA	60	19.46	19.46	4	Fullerton Road Grade Separation	303(d): San Jose Creek	N	NA	NA	2.99	0.25	9.22%	SWPPP	CDS 1	1/2/2014	10/12/2017	9/26/2018	9/24/2020
158	32500	LA	60	20	26R	4	Mitigate stormwater (TMDL)	San Jose Creek, Diamond Bar Creek, 303(d): San Jose Creek Reach 2	N	TBD	TBD	3.53	0.55	0.47%	SWPPP	BIOSWL 11, BIOSTP 3, LNGTBE 4	12/31/2018	11/27/2019	1/14/2021	2/1/2022
159	22410	LA	60	R21.5	R23.0	4	Construct Interchange	303(d): San Jose Creek Reach 1 & 2	401	NA	ADL	12.2	2.5	9.76%	SWPPP	BIOSWL 4, CNTBOX 1	10/12/2010	3/15/2016	1/9/2017	5/30/2019
160	25510	LA	60	R24.2	R24.7	4	Construct On-Ramps *Phase 1 *Oversight	Diamond Bar Creek, 303(d): San Jose Creek Reach 1	N	NA	NA	4	1.3	21.00%	SWPPP	BIOSWL 1	9/20/2011	6/2/2015	1/25/2016	8/9/2018
161	30110	LA	60	R3.25	11.7	4	Major Pavement Rehabilitation & Safety Improvements	303(d): San Gabriel River Reach 3, Los Angeles River Reach 2	N	NA	NA	49	0.5	0%	SWPPP	BIOSWL 22, BIOSTP 12, CNTBOX 5, LNGTBE 1, MF-DSF 2, INDBAS-1	8/31/2015	8/8/2018	4/9/2019	12/21/2020
162	29580	LA	60	R3.7	R6.3	4	Roadside Safety Improvements	Rio Hondo Channel	N	NA	NA	0.96	0.246	>50%	WPCP	E	9/28/2015	5/26/2017	12/14/2017	7/8/2019
163	30650	LA	66	0	3.22	4	Upgrade ADA ramps and accessibility	303(d): Walnut Creek Wash, San Antonio Creek, Sam Jose Creek Reach 2, HR: Puddingstone Reservoir	N	TBD	TBD	0.65	0	0	WPCP	E	7/2/2018	2/28/2019	9/24/2019	7/2/2021

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
164	21060	LA	71	0.50	4.5	4	Upgrade from Expressway to Freeway	303(d): San Jose Creek Reach 2, Chino Creek Reach 2	401	404, 1600	NA	79.2	24.1	27.48%	SWPPP	BIOSWL 13, BIOSTP 14, CNTBOX 3, MF-DSF 3, DETBAS 1	5/31/2013	7/12/2019	3/20/2020	7/14/2023
165	32630	LA	72	1.85	1.85	4	Intersection Improvement	303(d): Coyote Creek North Fork, Coyote Creek, San Gabriel River Reach 1,2, San Jose Creek Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	12/12/2017	10/16/2018	12/9/2021	12/5/2023
166	32640	LA	72	3.65	3.65	4	Intersection Improvement	303(d): Coyote Creek North Fork, San Gabriel River Reach 2, San Gabriel River Reach 1,2,3, San Jose Creek Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	12/12/2017	10/16/2018	12/9/2021	12/5/2023
167	32650	LA	72	4.28	4.28	4	Intersection Improvement	303(d): Coyote Creek North Fork, San Gabriel River Reach 2, San Gabriel River Reach 1,2,3, San Jose Creek Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	3/30/2018	5/31/2019	3/25/2022	8/18/2023
168	30610	LA	90	1.01R	1.05R	4	Retrofit of 3 Bridge Structures	303(d): Marina del Rey Harbor- Back Basins, Ballona Creek Estuary, Ballona Creek Wetlands, Ballona Creek	401	404, 1600	TBD	*	TBD	TBD	TBD	-	4/27/2018	6/27/2019	12/5/2019	12/2/2021
169	1W980	LA	91	6.1	11.4	4	Pavement Preservation	303(d): Dominguez Channel, Dominguez Channel Estuary, Compton Creek, Los Angeles River Reach 2	N	NA	NA	0	0	0	WPCP	E	4/28/2015	1/30/2015	6/13/2016	7/15/2018
170	29170	LA	91	11.43	11.43	4	Upgrade Bridge Railings	303(d): Los Angeles River Reach 2	N	NA	NA	0.032	0.031	100%	WPCP	E	6/28/2013	6/9/2017	8/30/2018	8/28/2020
171	4T770	LA	91	12.96	13.76	4	Modify Signal and ADA Improvement	303(d): Los Angeles River Estuary, Los Angeles River Reach 2, San Gabriel River Reach 1	N	NA	NA	0.173	0%	0	WPCP	E	2/26/2016	1/28/2016	11/30/2016	11/29/2017
172	31910	LA	91	11.65R	11.65R	4	Bridge Rehabilitation	303(d): Los Angeles River Reach 1	N	NA	NA	0.92	0.87	NA	WPCP	E	4/5/2018	6/10/2019	4/1/2022	9/26/2023
173	33860	LA	91	7.5R	20.7R	4	Upgrade Existing Traffic Management Communication System	303(d): Dominguez Channel, Los Angeles River Reach 2, San Gabriel River Reach 1, Compton Creek, Coyote Creek	NA	TBD	TBD	0.4	0.19	NA	WPCP	E	10/4/2017	12/5/2018	9/30/2021	9/28/2023
174	30620	LA	91	R11.6	R20.17	4	Major Roadway Rehabilitation	303(d): Los Angeles River Reach 2, San Gabriel River Reach 1, Coyote Creek	N	NA	NA	1.23	1.23	1.24%	SWPPP	-	6/30/2014	3/26/2015	12/30/2015	7/9/2018
175	29620	LA	91	R11.8	R14.1	4	Roadway Safety Improvement	303(d): Los Angeles River Reach 2	N	NA	NA	1.22	1.21	NA	SWPPP	BIOSWL 1	3/7/2016	3/17/2017	9/21/2017	10/15/2019
176	30410	LA	91	14.1R	16.6R	4	Worker Safety	303(d): San Gabriel River Reach 1	N	NA	NA	0.73	0.2	TBD	WPCP	E	12/29/2017	12/31/2018	11/1/2019	11/1/2020
177	2827U	LA	101	0	25.9	4	Roadside Safety Improvements	303(d): Echo Park Lake, Los Angeles River 2, 3, 4, 5, 6, Tujunga Wash	N	WDR 200	ADL	5.2	2.9	NA	SWPPP	BIOSWL 1	5/1/2014	5/1/2015	7/1/2016	7/2/2018

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>2,3</sup>	Water Bodies Within or Adjacent to Project Limits <sup>4</sup>	Dredge and Fill Activities (Y/N/NA) <sup>5</sup>	Other Regional Water Board Permits Required <sup>6</sup>	Potential and Actual Impacts of Project's Discharge <sup>7</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>8</sup>	Post-Construction Treatment Control Type, Quantity <sup>9</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
178	32010	LA	101	0	1.45	4	Stormwater Source Control	303(d): Los Angeles River Reach 2	N	NA	NA	19.48	0.12	0.23%	SWPPP	C	4/30/2019	12/2/2021	9/9/2022	3/3/2025
179	30040	LA	101	0.5	29.3	4	Soil Stabilization & Stormwater Mitigation	303(d): Los Angeles River Reach 2, 4, Tujunga Wash, Dry Canyon Creek, McCoy Canyon Creek, Ballona Creek, HR: Sepulveda Flood Control Basin	N	WDR 200	ADL	33.24	5.74	100%	SWPPP	BIOSTP 11, BIOSWL 26, CNTBOX 5, LNGTBE 5, MF-ADS 7, SA 14	3/16/2016	6/26/2017	1/22/2018	7/1/2020
180	29860	LA	101	1.3	6.3	4	Maintenance Safety	303(d): Los Angeles River Reach 2, Echo Park Lake	N	NA	NA	1.23	0.65	100%	SWPPP	E	5/26/2015	3/16/2017	9/11/2017	7/8/2019
181	31140	LA	101	1.74	6.63	4	Stormwater Source Control	303(d): Echo Park Lake	N	NA	NA	25	0.1	0.33%	SWPPP	BIOSWL 1	12/1/2017	1/1/2019	1/1/2020	1/1/2024
182	30790	LA	101	1.8	8.4	4	Ramp Pavement Repair & ADA Curb Ramps Upgrade	303(d): Echo Park Lake	N	NA	NA	0.07	0	0	WPCP	E	6/30/2016	2/15/2017	12/4/2017	7/2/2018
183	3W530	LA	101	2.5	2.5	4	-	303(d): Los Angeles River Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	4/3/2015	12/1/2015	5/27/2016	12/27/22
184	30370	LA	101	7.75	27.7	4	Upgrade Median Barrier	303(d): Tujunga Wash, Los Angeles River Reach 2, 3, 4, 5, & 6, Aliso Canyon Wash, McCoy Canyon Creek, Dry Canyon Creek, Stokes Creek & Topanga Canyon Creek HR: Sepulveda Flood Control Basin, Hollywood Reservoir	N	NA	NA	0	0	0	WPCP	E	10/13/2017	6/5/2019	6/2/2020	1/19/2023
185	26730	LA	101	10.2	10.8	4	Widen Freeway and Ramps	303(d): Los Angeles River Reach 3	N	NA	ADL	6.7	2.8	21%	SWPPP	INDBAS 1, LNGTBE 1	9/15/2017	7/13/2018	3/15/2019	7/17/2020
186	28980	LA	101	11.45	12.85	4	Freeway Widening to Add Lanes	303(d): Los Angeles River Reach 4, Tujunga Wash	401	404, 1600	TBD	*	TBD	TBD	TBD	-	7/9/2018	7/6/2020	12/31/2020	7/15/2022
187	29470	LA	101	11.8	35.28	4	Capital Preventive Maintenance, Roadway Rehabilitation	Chesebro Canyon, 303(d): Tujunga Wash, Los Angeles River Reach 4, 5 & 6, Dry Canyon Creek, McCoy Canyon Creek, Lake Calabasas, Las Virgenes Creek, Palo Comado Creek, Medea Creek Reach 2, Lindero Creek Reach 1, Aliso Canyon Wash, HR: Sepulveda Flood Control Basin	N	NA	NA	1.5	0	0	SWPPP	E	10/8/2013	4/15/2014	12/10/2014	7/9/2018

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
188	30750	LA	101	11.8	35.28	4	Capital Maintenance, Pavement Rehabilitation	303(d): Tujunga Wash, Los Angeles River Reach 4, Dry Canyon Creek, McCoy Canyon Creek, Lake Calabasas, Las Virgenes Creek, Palo Comado Creek, Medea Creek Reach 2, Lindero Creek Reach 1 HR: Sepulveda Flood Control Basin	N	NA	NA	0.895	TBD	TBD	WPCP	-	3/26/2018	1/16/2020	8/20/2020	7/1/2022
189	31050	LA	101	19.99	19.99	4	Bridge Construction	303(d): Los Angeles River Reach 4, Tujunga Wash	NA	TBD	TBD	*	TBD	TBD	TBD	-	7/3/2017	2/21/2019	9/19/2019	7/1/2020
190	31790	LA	101	20	20	4	Bridge Replacement	303(d): Los Angeles River Reach 4, 5, 6, Aliso Canyon Wash, Tujunga Wash	N	NA	NA	0.5	0.011	NA	WPCP	E	3/26/2018	1/29/2019	9/19/2019	7/1/2020
191	4T960	LA	101	29	37.5	4	Replace Asphalt Dikes	303(d): Medea Creek Reach 2, Lindero Creek Reach 1, Lake Lindero	N	NA	NA	0	0	0	WPCP	E	2/22/2017	4/23/2018	7/18/2018	1/15/2019
192	24230	LA	101	31.9	31.9	4	Improve Interchange *Oversight	303(d): Las Virgenes Creek	401	Dept. Fish and Wildlife, County of LA	ADL	21.6	1.1	17.70%	SWPPP	BIOSWL 4, CNTBOX 1, LNGTBE 1, MF-ADS 1	8/29/2013	1/13/2015	4/16/2015	9/20/2018
193	30710	LA	101	32.8	33.8	4	Wildlife Habitat Connectivity	303(d): Palo Comado Creek	401	NA	NA	4.44	-1.31	TBD	SWPPP	E	10/30/2017	-	-	6/18/2019
194	25720	LA	101	33.0	34.4	4	Modify Interchange	Chesebro Creek	401	1600, 404	NA	4.37	1.33	TBD	SWPPP	BIOSWL 4, BIOSTP 4, CNTBOX 2, MF-ADS 3	11/15/2012	8/30/2017	12/8/2017	11/6/2019
195	1965U	LA	101	34.4	35.3	4	Interchange Improvement	303(d): Medea Creek Reach 1, 2	401	NA	NA	19.76	NA	NA	SWPPP	BIOSWL 3	4/22/2004	10/31/2005	1/25/2006	12/28/2018
196	33780	LA	101	0S	17.1R	4	Upgrade the existing Transportation Management System (TMS)	303(d): Los Angeles River Reach 2, 4 & 5, Echo Park Lake, Tujunga Wash	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/4/2017	12/5/2018	9/30/2021	9/28/2023
197	30080	LA	101	S0.0	1.9	4	Pavement Rehabilitation	303(d): Los Angeles River Reach 2, Echo Park Lake	N	NA	NA	0.4	0.64	NA	WPCP	E	6/27/2016	6/26/2017	11/16/2017	7/1/2019
198	25120	LA	101	S0.20	S0.20	4	Structure Replacement	303(d): Los Angeles River Reach 2	401	WDR 200	ADL	5.25	2.25	30.10%	SWPPP	Other BMP 1	12/19/2011	9/16/2016	9/14/2016	7/2/2019
199	4U000	VEN	101	0.1	4.5	4	Planting and Irrigation	303(d): Westlake Lake, Calleguas Creek Reach 13	N	NA	NA	0.620	0	0	WPCP	E	6/21/2017	6/23/2017	11/3/2017	1/27/2021
200	33100	VEN	101	9	9.2	4	Conc Slab Replacement and Grind, Pave and Resurface HMA, Replace Recess Markers	303(d): Calleguas Creek Reach 1	N	NA	NA	0.000325	0	0	WPCP	E	6/29/2016	5/15/2020	3/10/2021	9/30/2021
201	27600	VEN	101	14.05	21.06	4	Stormwater Mitigation for Calleguas Creek Tributary	303(d): Calleguas Creek Reach 4	N	WDR 200	ADL	13.4	0.62	100%	SWPPP	BIOSWL 12, BIOSTP 10, MF -ADS 1	4/1/2009	4/21/2015	9/16/2015	7/6/2018
202	4W020	VEN	101	17.75	17.75	4	IN VENTURA COUNTY, CAMARILLO, AT CENTRAL AVENUE OC	303(d): Calleguas Creek Reach 4 & 5	NA	TBD	TBD	*	TBD	TBD	TBD	-	2/22/2017	-	6/25/2018	3/15/2019

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
203	31130	VEN	101	27.58	31	4	Stormwater Source Control	303(d): Ventura River Reach 1 and 2, Ventura River Estuary, Surfers Point at Seaside, Promenade Park Beach, San Buenaventura Beach, and Ventura Harbor: Ventura Keys	N	NA	NA	9.96	0	0.00%	SWPPP	BIOSWL 5, SA 1	6/9/2017	9/24/2018	5/15/2019	5/11/2023
204	21070	VEN	101	29.9	30	4	Off-Ramp Modification *TCRP #47, Resolution TA-01-06 PAED Only	303(d): San Buenaventura Beach, Promenade Park Beach	N	TBD	TBD	3.3	0.3	TBD	SWPPP	C	12/26/2018	-	-	-
205	29040	VEN	101	29.9	29.9	4	Upgrade ADA Ramps & Accessibility	303(d): San Buenaventura Beach	N	NA	NA	0.03	0	0	WPCP	E	6/15/2015	12/15/2016	8/4/2017	7/31/2018
206	29540	VEN	101	30.2	31.4	4	Roadside Safety Improvements	303(d): Ventura River Reach 1 & 2, Ventura River Estuary, Surfer's Point at Seaside and Promenade Park Beach	N	TBD	TBD	1.8	0.4	1.05%	SWPPP	BIOSWL 7	6/28/2016	2/1/2018	10/29/2018	10/29/2020
207	30240	VEN	101	37	40	4	Rehabilitate Pavement	303(d): None	NA	TBD	TBD	*	TBD	TBD	TBD	-	9/21/2018	1/14/2020	8/28/2020	12/3/2021
208	3W340	LA	103	0	1.75	4	Slurry Seal from JCT ST 47 to JCT SR 1 Pacific Coast Hwy & Dig Outs CPOL 8 Ramps 103/1	303(d): Los Angeles Harbor Consolidated Slip, Los Angeles/Long Beach Inner Harbor, Dominguez Channel Estuary	N	NA	NA	0	0	0	WPCP	E	7/1/2015	12/29/2016	5/10/2017	07/15/19
209	32730	LA	103	0.1	0.1	4	Drainage Improvement and Repair/Upgrade pump stations	303(d): Los Angeles Harbor Consolidated Slip, Los Angeles/Long Beach Inner Harbor,	N	NA	NA	0.2	0.1	TBD	WPCP	E	4/6/2018	6/5/2019	2/25/2020	3/18/2022
210	4Y850	LA	103	0.9	0.9	4	Clean and Paint Steel Bridge Structure	303(d): Dominguez Channel Estuary, Los Angeles/Long Beach Inner Harbor	N	NA	NA	0.3	0	NA	WPCP	E	9/9/2010	6/22/2015	11/18/2015	9/28/2018
211	30460	LA	105	0	18.15	4	Upgrade Transportation Management System	303(d): Compton Creek, Dominguez Channel, Los Angeles River Reach 2, San Gabriel River Reach 1	N	NA	NA	0	0	0	WPCP	E	4/15/2016	6/16/2017	1/10/2018	2/18/2020
212	30500	LA	105	0.04	2.5	4	Bridge Preservation/Minor Bridge Preventive Maintenance	303(d): Dominguez Channel	N	NA	NA	0	0	0	WPCP	E	6/30/2014	4/13/2016	12/21/2016	11/19/2018
213	3X950	LA	105	2.1	17.7	4	Repair Copper Wire Damages	303(d): Dominguez Channel, Compton Creek, Los Angeles River Reach 2, San Gabriel River Reach 1	NA	TBD	TBD	*	TBD	TBD	TBD	-	-	-	-	8/30/2018
214	3W970	LA	105	7.98	15.53	4	-	303(d): Compton Creek, Los Angeles River Reach 2, San Gabriel River Reach 1	NA	TBD	TBD	*	TBD	TBD	TBD	-	2/17/2017	10/23/2017	6/22/2018	6/3/2019
215	31490	LA	105	9.85	9.95	4	Willowbrook/Rosa Parks Green Line Station Modernization and Enhancement	303(d): Compton Creek	NA	TBD	TBD	*	TBD	TBD	TBD	-	4/10/2018	12/29/2017	2/23/2018	2/26/2019

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
216	4T340	LA	105	14.1	16.6	4	Relinquish Drainage Facilities	303(d): Los Angeles River Reach 2, San Gabriel River Reach 1	NA	TBD	TBD	*	TBD	TBD	TBD	-	5/2/2016	6/30/2016	12/14/2017	2/14/2019
217	4U020	LA	105	17.4	17.7	4	Construct Bike Path	303(d): San Gabriel River Reach 1	NA	TBD	TBD	*	TBD	TBD	TBD	-	3/5/2018	1/18/2018	5/7/2019	7/17/2019
218	31640	LA	105	14.1R	17.2R	4	Relocate Appurtenance, Add Slope	303(d): Los Angeles River Reach 2, San Gabriel River Reach 1	N	NA	NA	0.16	0	0	WPCP	E	9/7/2018	8/23/2019	6/5/2020	6/20/2022
219	31450	LA	105	2.1R	17.8R	4	HOT Lanes	303(d): Dominguez Channel, Los Angeles River Reach 2, San Gabriel River Reach 1, Compton Creek	N	TBD	ADL	85	50	18.90%	SWPPP	BIOSWL 35, BIOSTP 1, DETBAS 1, CNTBOX 12, MF-ADS 3	5/7/2019	7/2/2020	5/3/2023	5/1/2025
220	3W370	LA	105	2.2R	13.5R	4	Replace Overhead Sign Panels	303(d): Dominguez Channel, Compton Creek, Los Angeles River Reach 2	N	NA	NA	0	0	0	WPCP	E	1/8/2016	11/1/2016	6/15/2017	8/21/2018
221	31740	LA	105	7.8R	10.3R	4	Slope Stabilization and Stormwater Source Control	303(d): Compton Creek	N	WDR 200	ADL	16	0	0	SWPPP	BIOSWL 3, SA 1	6/28/2017	12/3/2018	8/14/2019	8/24/2023
222	29740	LA	105	R6.609	R8	4	Install Safety Lighting at Interchange	303(d): Los Angeles River Reach 2, Compton Creek and Dominguez Channel, Dominguez Channel Estuary, Rio Hondo Reach 1	N	NA	NA	0.188	0.0807	NA	WPCP	E	6/27/2013	4/18/2016	1/25/2017	7/20/2018
223	30700	LA	107	0	4.8	4	Upgrade ADA Ramps & Accessibility	303(d): Dominguez Channel Estuary, Dominguez Channel, Machado Lake, Torrance Carson Channel, Santa Monica Bay Offshore/Nearshore	N	TBD	TBD	4.4	0	0%	SWPPP	C	6/22/2017	2/7/2019	10/1/2019	12/31/2021
224	31180	LA	107	0	4.8	4	Pavement Rehabilitation	303(d): Dominguez Channel, Dominguez Channel Estuary, Machado Lake, Torrance Carson Channel, Santa Monica Bay Offshore/Nearshore	N	NA	N	0	0	0	WPCP	E	10/11/2016	2/7/2019	10/1/2019	8/31/2021
225	4T970	LA	107	4.3	4.3	4	New Crew Building	303(d): Dominguez Channel	NA	TBD	TBD	*	TBD	TBD	TBD	-	5/30/2017	1/10/2018	4/30/2018	3/29/2019
226	31410	LA	110	0	0	4	Install Pylon Signs @ Station & Patron	303(d): Los Angeles/Long Beach Harbor	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/29/2015	6/28/2019	7/1/2019	3/26/2021
227	3009U	LA	110	0.7	24.13	4	Major Pavement Rehabilitation	303(d): Ballona Creek, Compton Creek, Dominguez Channel & Estuary, Los Angeles River Reach 2, Los Angeles Harbor, Los Angeles/Long Beach Inner Harbor, Machado Lake, Torrance Carson Channel, Wilmington Drain	N	WDR 200	ADL	1.9	0.25	28.00%	SWPPP	BIOSWL 3, BIOSTP 1, SA 4	6/29/2016	6/15/2017	2/15/2018	12/24/2020



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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
228	33650	LA	110	3.5	15.4	4	Roadside Safety Improvements - Slope Paving; MVPs; Access Gates and Roads	303(d): Wilmington Drain, Machado Lake	N	NA	NA	0.99	0.59	TBD	WPCP	E	12/20/2017	6/28/2019	9/30/2020	9/30/2022
229	27610	LA	110	3.8	6.5	4	GSRDs or Other Treatment BMPs	303(d): Machado Lake (Harbor Park Lake)	N	NA	NA	1.5	0.5	NA	SWPPP	BIOSWL 5, CNTBOX 3, LNGTBE 7, MF-ADS 1	3/15/2018	11/27/2018	6/25/2019	12/24/2021
230	33160	LA	110	9.68	9.68	4	Apply High Friction Bauxite Surface Treatment (HFBST), install high visibility thermoplastic lane and edge lines and upgrade guardrail to current standards.	303(d): Dominguez Channel, Dominguez Channel Estuary	N	TBD	TBD	0.2	0.07	TBD	WPCP	E	9/15/2017	7/31/2018	3/26/2019	11/17/2021
231	31380	LA	110	10	11	4	Drainage Improvement, Culvert Replacement	303(d): Dominguez Channel Estuary	N	NA	NA	0.03	0	0	WPCP	E	1/17/2018	1/30/2019	3/13/2020	3/10/2022
232	31470	LA	110	10.187	20.478	4	Safety Improvements: Install Barrier Markers, Signs and Flashing Beacons	303(d): Compton Creek, Dominguez Channel, Dominguez Channel Estuary	N	NA	NA	0	0	0	WPCP	E	3/31/2017	2/2/2018	8/31/2018	8/31/2020
233	31390	LA	110	11.8	20.2	4	Install Clear Noise Attenuation Panel	303(d): Compton Creek, Dominguez Channel, Dominguez Channel Estuary, Los Angeles River Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	NA	11/1/2018	12/15/2017	9/17/2019
234	31400	LA	110	13.43	14.52	4	Install Clear Noise Attenuation Panel	303(d): Compton Creek, Dominguez Channel	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/22/2014	11/21/2018	9/19/2017	11/21/2018
235	29590	LA	110	17.86	20	4	Roadside Safety Improvement Project	303(d): Los Angeles River Reach 2	N	NA	NA	0.9	0.84	1.75%	WPCP	E	6/18/2015	3/20/2017	12/5/2017	12/9/2019
236	30910	LA	110	18.83	23.84	4	Upgrade MBGR, End Treatment, Crash Cushion	303(d): Los Angeles River Reach 2, Echo Park Lake	NA	TBD	TBD	*	TBD	TBD	TBD	-	7/2/2018	7/12/2019	8/30/2019	4/1/2021
237	27800	LA	110	20.5	20.9	4	Construct an HOV Connector	303(d): Los Angeles River Reach 2, Ballona Creek	N	NA	NA	0.47	0.07	NA	WPCP	E	9/27/2017	5/29/2020	4/6/2021	1/20/2023
238	29770	LA	110	23.7	25.5	4	Install Safety Lighting	303(d): Los Angeles River Reach 2 & 3, Arroyo Seco Reach 1	N	NA	NA	0.13	0.007	NA	WPCP	E	6/13/2014	4/4/2016	1/31/2017	11/29/2018
239	29530	LA	110	24	31.9	4	Roadside Safety Improvements	303(d): Los Angeles River Reach 2, Arroyo Seco Reach 1	N	NA	NA	0.98	0.4	TBD	WPCP	E	6/30/2017	6/30/2017	10/4/2017	9/30/2020
240	2975U = 29750	LA	110	24.6	30	4	Install Concrete Barrier, Lighting, MBGR/Remove Raised Island	303(d): Los Angeles River Reach 2 & 3, Arroyo Seco Reach 1	N	NA	NA	0.18	0.18	NA	WPCP	E	6/23/2017	6/30/2017	2/27/2018	9/30/2020
241	30570	LA	110	25.48	25.8	4	Bridge Paint	303(d): Los Angeles River Reach 2, Arroyo Seco Reach 1	N	NA	NA	0	0	0	WPCP	E	6/23/2014	12/18/2017	1/28/2019	12/13/2019
242	32660	LA	110	28.65	29.35	4	Place High Friction Surface Treatment (HFST)	303(d): Arroyo Seco Reach 1	N	NA	NA	0	0	0	WPCP	E	1/22/2018	7/18/2018	8/1/2019	2/6/2020
243	23380	LA	110	31.10	31.9	4	Fair Oaks Ave. Interchange Improvements	303(d): Arroyo Seco Channel	N	WDR 200	ADL	3.6	NA	NA	SWPPP	C	8/19/2004	1/24/2020	6/17/2020	11/30/2021

**Table 6-1: District 7 Anticipated Project Development and Construction Schedule**

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
244	30090	LA	110	0.7R	24.1	4	Pavement Rehabilitation	303(d): Los Angeles/Long Beach Inner Harbor, Machado Lake, Wilmington Drain, Torrance Carson Channel, Dominguez Channel Estuary, Compton Creek	N	NA	NA	0.5	0	0	WPCP	E	9/30/2014	6/20/2017	8/25/2015	8/1/2018
245	2759U	LA	110	23.5R	23.9R	4	Install Plants for Erosion & Stormwater Source Control	303(d): Los Angeles River Reach 2	N	NA	NA	5.9	0.7	16.28%	SWPPP	-	8/31/2012	8/8/2013	11/15/2013	7/6/2018
246	23830	LA	110	13.4	23.1	4	Construct Litter Removal Device Phase 5 of 10	303(d): LA River Reach 2, Compton Creek, and Ballona Creek	N	NA	ADL	1.6	0.5	NA	SWPPP	BIOSWL 4, DETBAS 1, INDBAS 1, INDTRE 1, CNTBOX 3, LNGTBE 2, MF-DSF 1	3/15/2018	10/1/2018	8/30/2019	8/4/2021
247	31070	LA	118	9R	10.1R	4	Roadside Safety Improvements	Pacoima Wash, 303(d): Bull Creek, Aliso Canyon Wash	N	TBD	ADL	2.05	1.52	4.53%	SWPPP	C	6/28/2017	8/31/2018	5/20/2019	6/15/2020
248	33920	VEN	118	0.516	18.8R	4	ADA Curb Ramps	303(d): Brown Barranca/Long Canyon, Calleguas Creek Reach 5, 6, 7 & 8, Fox Barranca, Santa Clara Reach 3	N	NA	NA	0.09	0.1	NA	WPCP	E	3/20/2018	5/20/2019	3/15/2022	3/13/2024
249	33600	VEN	118	1.19	1.8	4	Stormwater Mitigation Project	303(d): Brown Barranca/Long Canyon, Santa Clara River Reach 3	N	TBD	ADL	0.7	0	0	WPCP	E	6/29/2018	6/28/2019	9/30/2020	9/30/2022
250	3W700	VEN	118	10.971	19.143	4	Slurry Seal Digout Shoulder Backing	303(d): Fox Barranca, Calleguas Creek Reach 6, 7	NA	TBD	TBD	*	TBD	TBD	TBD	-	9/21/2016	12/1/2017	7/16/2018	7/15/2020
251	4T860	VEN	118	13.181	13.181	4	Traffic Signal	303(d): Calleguas Creek Reach 6	N	NA	NA	0.07	0	0	WPCP	E	3/8/2017	10/11/2017	6/15/2018	2/4/2019
252	34160	VEN	118	13.8	15.6	4	Resurface, Stripe, Widen Area of Inspections	303(d): Calleguas Creek Reach 1,2,4,5, Duck Pond Agricultural Drains/Mugu Drain/Oxnard Drain No. 2, Ormond Beach, Rio De Santa Clara/Oxnard Drain No 3	N	NA	NA	0.11	0.009	TBD	WPCP	E	4/18/2018	6/19/2019	4/14/2020	6/15/2021
253	28160	VEN	118	15.90	16.5	4	Road Widening	303(d): Calleguas Creek Reach 6	401	404, 1600	TBD	*	TBD	TBD	TBD	-	9/29/2017	7/31/2017	3/30/2018	3/30/2020
254	30760	VEN	118	18.8T	32.6R	4	Pavement Rehabilitation	303(d): Calleguas Creek Reach 6, 7, 8	N	NA	NA	0	0	0	WPCP	E	7/13/2016	6/19/2017	2/23/2018	12/28/2018
255	31650	VEN	118	24.1R	29.7R	4	Relocate Appurtenance, Add Slope	303(d): Calleguas Creek Reach 6, 7, 8	N	NA	NA	7.55	3.25	2.37%	SWPPP	BIOSWL 1	6/29/2017	1/15/2019	10/18/2019	4/30/2021
256	3W820	LA	126	0	5.84	4	Slurry Seal Digouts	303(d): Santa Clara River Reach 5	NA	TBD	TBD	*	TBD	TBD	TBD	-	9/27/2016	12/1/2017	7/16/2018	10/12/2021
257	31590	LA	126	1.6	4.6	4	Highway Widening	303(d): Santa Clara River Reach 5	401	404, 1600	TBD	*	TBD	TBD	TBD	-	7/13/2018	4/26/2019	1/3/2020	7/24/2020
258	32940	LA	126	2.2	2.2	4	Modify Intersection	303(d): Santa Clara River Reach 5	NA	TBD	TBD	*	TBD	TBD	TBD	-	7/13/2018	4/25/2019	7/11/2022	7/24/2020

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
259	32950	LA	126	3.2	3.2	4	Modify Intersection	303(d): Santa Clara River Reach 5	NA	TBD	TBD	*	TBD	TBD	TBD	-	7/13/2018	4/25/2019	1/3/2020	7/24/2020
260	32750	VEN	126	0	34.6	4	Upgrade ADA ramps and accessibility	303(d): Brown Barranca/Long Canyon, Wheeler Canyon/Todd Barranca, Santa Clara River Reach 2, Pole Creek, Hopper Creek, Santa Clara River Reach 1,2, 3,5,11, San Buenaventura Beach, Ventura Harbor: Ventura Keys, Torrey Canyon Creek	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/3/2017	12/4/2018	9/29/2021	9/27/2023
261	31220	VEN	126	0.97	8.2R	4	Installation of 21 BMP Devices	303(d): Santa Clara River Estuary, Santa Clara River Reach 1& 3, Wheeler Canyon/Todd Barranca	N	NA	NA	2.36	0.61	TBD	SWPPP	BIOSWL 12, BIOSTP 6, INDTRE 8, MF-ADS 1, SA 4	6/30/2017	11/1/2017	1/3/2019	6/30/2020
262	27360	VEN	126	13.10	20.1	4	Safety Improvements	303(d): Santa Clara River Reach 3, Pole Creek	N	TBD	TBD	10.07	8.47	1.88%	SWPPP	INDBAS 1, DETBAS 1, MF 1	3/20/2018	11/9/2020	1/14/2021	9/1/2022
263	31150	VEN	126	10.2R	12.7R	4	Stormwater Source Control	303(d): Santa Clara River Reach 3	N	NA	NA	24.58	0	0.00%	SWPPP	SA 3	6/23/2017	10/1/2018	7/8/2019	5/1/2023
264	31240	VEN	126	8.2R	12.8R	4	Storm Water Mitigation	303(d): Santa Clara River Reach 3, Wheeler Canyon/Todd Barranca	N	NA	NA	1.91	0	0.00%	SWPPP	BIOSWL 14, INDBAS 3	3/30/2017	6/14/2017	12/29/2017	7/30/2019
265	30140	VEN	126	R13.6	R34.6	4	Slab Replace & Cold Plane Overlay AC	303(d): Brown Barranca/Long Canyon, Wheeler Canyon/Todd Barranca, Santa Clara River Reach 3, 5, 6 & 11, Pole Creek, Hopper Creek and Torey Canyon Creek, Fox Barranca	N	NA	NA	3.3	0	0.00%	SWPPP	C	6/30/2016	6/12/2017	11/22/2017	4/4/2019
266	30220	VEN	126	0	R13.6	4	Rehabilitate Pavement	303(d): Santa Clara River Reach 1& 3, Wheeler Canyon/Todd Barranca, Brown Barranca/Long Canyon, Ventura Harbor: Ventura Beach and San Buenaventura Beach	N	NA	NA	0.411	0	0	WPCP	E	6/30/2016	6/28/2017	1/3/2018	3/29/2019
267	31170	LA	134	0	13.3	4	Pavement Preservation	303(d): Tujunga Wash, Los Angeles River Reach 3 and 4, Verdugo Wash Reach 1 and 2, Burbank Western Channel, and Arroyo Seco Reach 1 and 2.	N	NA	NA	0.9	0.68	TBD	WPCP	E	12/15/2017	9/6/2018	5/23/2019	8/10/2021

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
268	3W590	LA	134	0.8	13	4	Deck Meth, Joint Seal, Spall Repair	303(d): Los Angeles River Reach 3, 4, Burbank Western Channel, Verdugo Wash Reach 1 & 2, Arroyo Seco Reach 1, 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	5/10/2016	10/5/2017	4/19/2018	5/16/2019
269	31160	LA	134	1.55	4.8	4	Stormwater Source Control	303(d): Los Angeles River Reach 4	N	NA	NA	7	0.04	0.11%	SWPPP	BIOSWL 1	2/1/2018	8/1/2019	9/1/2020	9/1/2024
270	28720	LA	134	1.6	2.7	4	Install Plants for Erosion & Stormwater Source Control	303(d): Los Angeles River Reach 4	N	NA	NA	5.7	1.2	5.50%	SWPPP	BIOSWL 1	4/25/2013	6/30/2014	12/31/2014	2/28/2019
271	33790	LA	134	0S	13.34R	4	Upgrade the existing Transportation Management System (TMS)	303(d): Los Angeles River Reach 3, 4, Burbank Western Channel, Verdugo Wash Reach 1 & 2, Arroyo Seco Reach 1, 2, Tujunga Wash	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/3/2017	12/4/2018	9/29/2021	9/27/2023
272	31370	LA	134	6.34R	8.23R	4	Drainage Improvement, Culver Replacement	303(d): Verdugo Wash Reach 1 & 2	N	NA	NA	0.032	0	0	WPCP	E	9/29/2017	6/18/2018	3/25/2019	3/30/2020
273	31040	LA	138	0	36.9	4,6	Pavement Preservation	303(d): None	N	NA	NA	0.92	0.35	TBD	WPCP	E	2/10/2017	3/17/2020	2/19/2019	7/2/2020
274	29880	LA	138	43.42	43.68	6	Ramp & Main Line Improvement	303(d): None	N	NA	NA	11	1.9	26.00%	SWPPP	C	10/10/2018	9/4/2019	2/28/2020	2/24/2022
275	33290	LA	138	49.473	49.473	6	change existing permissive left turn phasing to protect left turn phasing	303(d): None	N	NA	NA	0.03	0	0	WPCP	E	8/10/2018	6/28/2019	3/11/2020	9/4/2020
276	28600	LA	138	53.2	54.2	6	Widen Conventional Highway (Seg 4)	HR: Little Rock Reservoir	NA	TBD	TBD	*	TBD	TBD	TBD	-	3/30/2001	4/13/2020	1/7/2021	8/26/2022
277	28620	LA	138	55.2	56.2	6	Widen Conventional Highway (Seg 6)	303(d): None HR: California Aqueduct-DW, Little Rock Reservoir	N	NA	NA	10.29	4.61	64.60%	SWPPP	C	3/30/2001	4/5/2017	7/17/2018	3/29/2019
278	29350	LA	138	58.5	60.2	6	Widen (Seg 9) from 2 to 4 lane w median	303(d): None	N	NA	NA	15.2	5.3	53.50%	SWPPP	INDBAS 2, DETBAS 1	3/30/2001	8/23/2016	3/13/2017	10/17/2018
279	30740	LA	138	46.7	63.7	6	Pavement Preservation & ADA Curb Ramp	HR: Little Rock Reservoir	N	NA	NA	0.23	0	0	WPCP	E	10/21/2015	6/23/2017	7/17/2018	8/23/2019
280	2W010	VEN	150	0	31.5	3, 4	Rubberized Hot Mix Asphalt Overlay	303(d): San Antonio Creek, Ventura River Reach 4, Rincon Creek, Lake Casitas, Wheeler Canyon/Todd Barranca	N	NA	NA	0	0	0	WPCP	E	7/31/2012	1/10/2016	6/15/2016	7/15/2018
281	34220	VEN	150	16.577	18.581	4	-	303(d): San Antonio Creek, Ventura River Reach 4	NA	TBD	TBD	*	TBD	TBD	TBD	-	8/31/2018	11/2/2020	9/1/2021	9/30/2022
282	30670	VEN	150	16.599	34.4	4	Install ADA Curb Ramps	303(d): San Antonio Creek	N	NA	NA	0.35	0.1	TBD	WPCP	E	7/2/2018	9/16/2019	8/31/2020	11/13/2020
283	3X021	VEN	150	27.37	29.4	4	Repair Slope Failure	303(d): Santa Clara River Reach 3	401	404, 1602	NA	0.9	0	0	WPCP	E	2/17/2013	3/2/2015	7/15/2016	7/25/2018
284	4W030	VEN	150	31.4	32	4	Slurry Seal	303(d): Santa Clara River Reach 3, Wheeler Canyon/Todd Barranca	NA	TBD	TBD	*	TBD	TBD	TBD	-	1/31/2017	10/15/2017	7/15/2018	12/1/2018
285	3W480	LA	170	14.6R	20.6R	4	Digouts & Slurry Seal Ramps, CPOL AC Aux Lanes Shoulders Gores, Mainline Slabs Repair	303(d): Tujunga Wash, Los Angeles River Reach 4	N	NA	NA	0	0	0	WPCP	E	7/1/2015	1/31/2017	7/14/2017	07/15/19

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
286	30300	LA	187	3.5	8.9	4	Pavement Preservation	303(d): Marina del Rey Harbor- Back Basins, Sepulveda Canyon, Ballona Creek	N	NA	NA	0.02	0	0	WPCP	E	7/30/2013	12/28/2017	1/2/2019	10/27/2020
287	4T880	LA	187	4.94	4.94	4	Install Left Turn Signal & Upgrade ADA	303(d): Sepulveda Canyon, Ballona Creek, Ballona Creek Wetlands, Ballona Creek Estuary, Marina Del Rey Harbor-Back Basins, Santa Monica Bay Offshore/Nearshore	NA	TBD	TBD	*	TBD	TBD	TBD	-	8/30/2016	3/21/2017	3/21/2019	4/3/2020
288	3W110	LA	210	1.76	6.02	4	Line, repair, and replace culverts	303(d): Bull Creek, Tujunga Wash	N	NA	NA	0	0	0	WPCP	E	11/5/2015	11/1/2016	6/15/2017	11/2/2018
289	29520	LA	210	15.60	18.1	4	Roadside Safety Improvements	303(d): Verdugo Wash Reach 2	N	NA	NA	0.55	0.37	NA	WPCP	BIOSWL 1	6/26/2015	3/16/2017	9/15/2017	10/30/2020
290	2881U	LA	210	16.1	25.8	4	Roadway Rehabilitation	303(d): Arroyo Seco Reach 2	N	WDR 200	ADL	7.9	7.1	3.02%	SWPPP	BIOSTP 1	6/27/2013	3/28/2014	3/2/2015	2/15/2019
291	12997	LA	210	18.8	24.9	4	Install Communication Links for Traffic Operations System	303(d): Arroyo Seco Reach 1, 2, Verdugo Wash Reach 2,	N	NA	NA	0.1	0.016	NA	WPCP	E	1/8/2014	6/27/2015	2/19/2016	12/18/2018
292	33660	LA	210	19.23	22.64	4	Upgrade irrigation systems	303(d): Arroyo Seco Reach 1, 2, Verdugo Wash Reach 2,	NA	TBD	TBD	*	TBD	TBD	TBD	-	7/27/2018	9/27/2019	7/25/2022	10/29/2024
293	32920	LA	210	20.8	21.5	4	Construct Soundwall	303(d): Arroyo Seco Reach 1, 2, Verdugo Wash Reach 2,	NA	TBD	TBD	*	TBD	TBD	TBD	-	1/31/2018	11/14/2018	2/1/2019	7/25/2019
294	23290	LA	210	24.6	43.2	4	Construction of Soundwalls	303(d): Sawpit Creek	N	NA	NA	4.4	1.8	NA	SWPPP	MF-ADS 1, BIOSTP 2, BIOSWL 3	5/22/2013	6/29/2018	5/1/2019	10/30/2020
295	30640	LA	210	24.7	44.92	4	Install & Upgrade Transportation Management System for the Corridor	303(d): Sawpit Creek	N	NA	NA	0.38	0.35	NA	WPCP	E	6/30/2014	5/15/2015	1/6/2016	12/31/2018
296	32910	LA	210	24.7	44.92	4	Install Transportation Management System	303(d): Sawpit Creek, Arroyo Seco Reach 1 & 2, Peck Road Park Lake	N	NA	NA	0.034	0.018	TBD	WPCP	E	3/9/2017	3/26/2018	4/6/2018	10/19/2018
297	30360	LA	210	25	32.8	4	Roadside Safety Improvement	303(d): Peck Road Park Lake	N	WDR 200	ADL	2.6	1.2	TBD	SWPPP	BIOSWL 1	12/1/2017	1/8/2019	9/30/2019	10/12/2020
298	31462	LA	210	27.41	27.41	4	Install Noise Barrier	303(d): Arroyo Seco Reach 1, 2,	NA	TBD	TBD	*	TBD	TBD	TBD	-	5/9/2019	8/24/2021	12/11/2023	12/10/2025
299	3W570	LA	210	28.46	30.82	4	Bridge Preservation	303(d): Sawpit Creek, Arroyo Seco Reach 1	N	NA	NA	0	0	0	WPCP	E	5/8/2016	6/6/2017	5/21/2018	5/17/2019
300	3P900	LA	210	34.6	34.6	4	Install CNG Fueling Station	303(d): Sawpit Creek	N	NA	NA	0.007	0	0	WPCP	E	8/21/2017	8/4/2014	1/2/2019	8/15/2022
301	4U010	LA	210	34.9	35.5	4	Los Angeles County, City of Duarte, at Central/Buena Vista. Install Traffic Signal	303(d): Sawpit Creek	NA	TBD	TBD	*	TBD	TBD	TBD	-	5/15/2020	8/30/2017	9/30/2021	12/10/2025
302	28730	LA	210	39.8	41	4	Stormwater Source Control	303(d): Walnut Creek Wash	N	WDR 200	ADL	15	1.5	3.31%	SWPPP	BIOSWL 2	4/8/2013	5/28/2014	1/29/2015	8/16/2018

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303	32850	LA	210	44.7	52.2	4	Construct BMPs for Stormwater Mitigation	Puddingstone Channel, Marshall Creek, Emerald Wash, Live Oak, Thompson Creek, Indian Hill Flumes, 303(d): San Antonio Creek	NA	402	TBD	7	TBD	TBD	SWPPP	BIOSWL 11, BIOSTP 1, LNGTBE 3, CNTBOX 2, INDTRE 2, DPPIA 5	11/6/2018	11/1/2019	5/10/2021	10/13/2022
304	3W220	LA	210	0.02R	15.75R	4	Bridge Preservation	303(d): Burbank Western Channel, Verdugo Wash Reach 2, Bull Creek, Tujunga Wash	N	NA	NA	0	0	0	WPCP	E	8/3/2015	11/1/2016	6/22/2017	7/21/2018
305	30960	LA	210	0R	9.1	4	Roadway Rehab and Lane Replacements	Stetson Canyon Channel, Sombraero Canyon Channel, Mansfield Canyon Channel, Fenbard Drain, Pacoima Wash, Lopez Canyon Channel, Kagel Canyon Channel, Hansen Flood Control Basin, Wilson Canyon Channel, HR: Lopez Spreading Ground, Hansen Spreading Ground	N	WDR 200	ADL	40	0.41	TBD	SWPPP	E	8/16/2017	4/29/2019	6/20/2019	6/21/2022
306	29690	LA	210	18.5R	24.9R	4	Roadside Safety Improvements	303(d): Verdugo Wash Reach 2, Arroyo Seco Reach 2	N	NA	NA	1.2	0	0.0%	SWPPP	BIOSWL 1	6/16/2017	1/12/2018	8/14/2018	8/14/2020
307	31100	LA	210	24.6R	25.3R	4	Roadside Safety Improvements	303(d): Arroyo Seco Reach 1	N	TBD	TBD	4.5	4.5	21.53%	SWPPP	C	3/16/2018	7/19/2019	5/4/2020	5/2/2022
308	32990	LA	210	31.24R	31.44R	4	To install Type 60G concrete barrier along center divider separating the freeway from the light rail	Arcadia Wash	N	TBD	TBD	0.1	0	0	WPCP	E	8/18/2017	7/19/2019	1/16/2020	7/14/2020
309	30190	LA	210	32.8R	44.7R	4	Roadside Safety Improvement	303(d): Santa Fe Dam Park Lake, Sawpit Creek	N	WDR 200	ADL	2.06	1.4	<50%	SWPPP	Other BMP 1	6/20/2017	8/15/2018	7/22/2019	7/22/2020
310	3W500	LA	210	32.9R	36.5R	4	Pavement Preservation	303(d): Sawpit Creek	N	NA	NA	0	0	0	WPCP	E	7/1/2015	9/2/2016	11/16/2016	07/15/19
311	32680	LA	210	9.71R	51.92R	4	Upgrade/construct pedestrian facilities to meet current Americans with Disabilities Act standards	303(d): Burbank Western Channel, Verdugo Wash Reach 2, Arroyo Seco Reach 1 & 2, Sawpit Creek, Walnut Creek Wash, San Jose Creek Reach 2, San Antonio Creek, HR: Santa Fe Spreading Ground/ Dam, Hansen Spreading Ground/ Dam, Devil's Gate Dam, Forbes Spreading Ground, Live Oak Spreading Ground, San Antonio Spreading Ground	NA	NA	NA	0.46	0.1	TBD	WPCP	E	2/6/2019	7/6/2020	2/2/2023	2/4/2025
312	30170	LA	210	33.75	39.8R	4	Stormwater Source Control	303(d): Sawpit Creek	N	NA	NA	18	0.3	0.85%	SWPPP	BIOSWL 1	3/1/2018	6/3/2019	2/5/2020	2/5/2024

**Table 6-1: District 7 Anticipated Project Development and Construction Schedule**

No.	EA	Project Location					Project Description <sup>2,3</sup>	Water Bodies Within or Adjacent to Project Limits <sup>4</sup>	Dredge and Fill Activities (Y/N/NA) <sup>5</sup>	Other Regional Water Board Permits Required <sup>6</sup>	Potential and Actual Impacts of Project's Discharge <sup>7</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>8</sup>	Post-Construction Treatment Control Type, Quantity <sup>9</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
313	25940	LA	210	0.0R	9.7R	4	Stormwater Mitigation Project (Trash TMDL)	303(d): Verdugo Wash, Pacoima Wash, Tujunga Wash, Burbank Western Channel, HR:Lopez Spreading Ground, Hansen Spreading Ground	N	NA	NA	3.64	1.4	0.78%	SWPPP	BIOSWL 28, CNTBOX 3, MF-ADS 5	12/15/2017	9/25/2018	6/17/2019	7/9/2021
314	30660	LA	213	0	7.984	4	Upgrade Curb Ramps, Sidewalks and Driveway to meet ADA Standards	303(d): Dominguez Channel Estuary, Torrance Carson Channel, Wilmington Drain, Machado Lake, Los Angeles/Long Beach Inner Harbor, Whites Point Beach & Royal Palms Beach	N	NA	NA	0.63	0.63	16.80%	WPCP	E	7/2/2018	1/30/2019	9/20/2019	8/20/2021
315	31540	LA	213	3.45	3.7	4	Street Widening & Traffic Signal Modification	303(d): Los Angeles/Long Beach Inner Harbor	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/26/2016	12/20/2017	3/21/2019	2/26/2020
316	4W060	LA	213	3.46	9.98	4	Digouts Slurry seal	303(d): Los Angeles/Long Beach Inner Harbor, Machado Lake, Torrance Carson Channel, Dominguez Channel & Estuary	NA	TBD	TBD	*	TBD	TBD	TBD	-	4/27/2017	12/1/2017	7/16/2018	7/15/2020
317	31300	LA	213	6.98	6.98	4	Intersections Modification	303(d): Dominguez Channel Estuary, Wilmington Drain, Machado Lake, Torrance Carson Channel, Santa Monica Bay Offshore/Nearshore, Los Angeles/Long Beach Inner Harbor	N	NA	NA	6.36	1.2	TBD	SWPPP	C	3/22/2019	3/23/2020	10/12/2021	3/8/2023
318	25310	LA	213	2.7,3.9	2.7,3.9	4	Replace/Repair Damage Storm Drain Culverts HA 22	303(d): Machado Lake, Dominguez Channel, Los Angeles Harbor (Consolidated slip)	NA	NA	NA	0.2	0	0	WPCP	E	8/17/2018	11/6/2018	10/31/2019	7/14/2021
319	3W720	VEN	232	0.44	4.11	4	Fr Jct 1 to Jct St. 118, Digout Slurry Seal Shoulder Backing	303(d): Santa Clara River Reach 1, 3, Brown Barranca/Long Canyon	NA	TBD	TBD	*	TBD	TBD	TBD	-	9/23/2016	12/5/2017	7/18/2018	7/17/2020
320	31580	LA	405	0	0	4	LAWA and Metro LAX improvement	303(d): TBD	NA	TBD	TBD	*	TBD	TBD	TBD	-	8/15/2017	10/15/2018	6/7/2019	6/9/2021
321	32100	LA	405	0.2	0.3	4	PSSR - Bridge	303(d): San Gabriel River Reach 1	N	NA	NA	0.1	0	0	WPCP	E	10/10/2017	12/14/2018	10/6/2021	10/5/2023
322	29610	LA	405	2	6	4	Roadway Safety Improvements	303(d): Los Angeles River Reach 1, Los Cerritos Channel	N	TBD	TBD	1.11	1.02	1%	SWPPP	BIOSWL 1, BMPS DEFERRED TO EA 286601	2/3/2017	2/1/2018	8/21/2018	9/1/2020
323	3P960	LA	405	7.2	7.2	4	Maintenance Facilities	303(d): Los Angeles River Reach 1	N	NA	NA	0.04	0	0	WPCP	E	7/29/2015	3/10/2017	7/31/2017	10/3/2018
324	28740	LA	405	8.7	11.2	4	Install Concrete Barrier and MBGR	303(d): Dominguez Channel Estuary	N	NA	NA	1.359	1.01	NA	SWPPP	BIOSWL 1	9/14/2011	7/15/2014	2/29/2016	7/31/2018

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
325	4Y700	LA	405	8.7	8.7	4	Bridge Preservation - Paint Steel Structure	303(d): Dominguez Channel Estuary, Los Angeles River Reach 1	N	NA	NA	0.9	0	0	WPCP	E	9/9/2010	6/22/2015	11/18/2015	9/28/2018
326	23390	LA	405	10.8	11.4	4	Modify Interchange	303(d): Dominguez Channel Estuary	401	404, 1600	NA	13.6	1.4	17.07%	SWPPP	BIOSTP 1	7/16/2009	11/12/2009	7/26/2010	7/18/2018
327	28910	LA	405	11.7	12.2	4	Reconstruct Abandoned Truck Weight station	303(d): Dominguez Channel Estuary, Torrance Carson Channel	N	NA	NA	1.3	1.3	NA	SWPPP	C (deferred TO EA 28670)	6/30/2015	6/19/2017	1/30/2018	12/21/2018
328	29360	LA	405	14.4	15.6	4	Construct Auxiliary Lane, Widen and Improvement On/Off Ramps	303(d): Dominguez Channel	N	NA	NA	15.8	6.3	26.60%	SWPPP	BIOSWL 4, BIOSTP 1	6/29/2016	8/22/2019	7/20/2020	3/16/2022
329	30060	LA	405	20.5	28	4	Pavement Rehabilitation	303(d): Ballona Creek & Estuary & Wetlands, Dockweiler Beach, Marina del Rey Harbor-Back Basins and Beach, Santa Monica Bay Offshore/Nearshore, Sepulveda Canyon, Venice Beach, Dominguez Channel	N	NA	NA	0.31	0.05	NA	WPCP	E	9/24/2014	8/7/2015	3/21/2016	7/12/2018
330	29630	LA	405	21.5	26.3	4	Roadway Safety Improvement	303(d): Ballona Creek	N	TBD	TBD	0.92	0.82	1%	WPCP	BIOSWL 1	3/21/2017	3/14/2018	9/26/2018	12/29/2020
331	4T870	LA	405	24.27	24.27	4	Upgrade MBGR to Concrete Barriers	303(d): Ballona Creek & Estuary & Wetlands, Sepulveda Canyon	N	NA	NA	0.0174	0	0	WPCP	E	4/27/2017	4/5/2017	8/28/2017	7/30/2018
332	29680	LA	405	28	39	4	Capital Preventive Maintenance, Roadway Rehabilitation	303(d): Ballona Creek, Sepulveda Canyon, Los Angeles River Reach 4	N	NA	NA	0.88	NA	NA	WPCP	E	9/10/2013	9/22/2017	7/30/2018	7/1/2020
333	30780	LA	405	28	39	4	Ramp Pavement Repair & ADA Curb Ramps Upgrade	303(d): Ballona Creek, Wetlands and Estuary, Sepulveda Canyon, Los Angeles River Reach 4&5, Santa Monica Bay Offshore/ Nearshore, Santa Monica Canyon, Marina Del Rey Harbor-Back Basin, HR: Sepulveda Flood Control Basin	N	NA	NA	0.16	0.01	6.25%	WPCP	E	6/27/2016	2/15/2017	12/22/2017	12/20/2018
334	34250	LA	405	29.2	39.6	4	ITS-Dynamic Corridor Ramp Metering System (DCRMS)	303(d): Ballona Creek, Sepulveda Canyon, Santa Monica Canyon, Los Angeles River Reach 4	NA	TBD	TBD	*	TBD	TBD	TBD	-	6/24/2019	8/21/2020	6/20/2023	6/18/2025
335	28570	LA	405	31.5	31.6	4	Heavy Rail Transit-Purple Line Extension: Oversight	Westwood Channel, 303(d): Sepulveda Canyon Channel, Ballona Creek	N	NA	NA	1.68	0.07	22.60%	SWPPP	INDBAS 1	4/21/2017	12/31/2018	5/1/2019	12/31/2021
336	29850	LA	405	33	35.5	4	Reconfigure Ramps	303(d): Ballona Creek	N	NA	NA	6.42	2.42	17.60%	SWPPP	-	8/19/2015	7/5/2016	7/19/2018	7/19/2018
337	30510	LA	405	42.9	42.9	4	Replace & Upgrade Weigh In Motion Facility	303(d): Los Angeles River Reach 5	N	NA	NA	0.746	0	0	WPCP	E	12/1/2017	12/26/2018	8/12/2019	8/10/2020



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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
338	25710	LA	405	0, 39	28, 48.65	4	Upgrade Existing Communication System	303(d): San Gabriel River Estuary, Los Cerritos Channel, Los Angeles River Reach 1 & 4, Dominguez Channel Estuary, Torrance Carson Channel, Ballona Creek, HR: Dominguez Gap, spreading ground, Sepulveda Dam/Reservoir	N	NA	NA	0	0	0	WPCP	E	6/17/2013	6/1/2016	2/2/2017	9/3/2019
339	29000	LA	405	R12.6	R21.2	4	Install Concrete Barrier and Upgrade MBGR	303(d): Dominguez Channel, Dominguez Channel Estuary, Torrance Carson Channel	N	NA	NA	1.08	0.7	56.90%	SWPPP	BIOSWL 3	6/29/2012	6/29/2015	4/13/2016	3/25/2020
340	30480	LA	405	8.8	8.8	4	Reconstruct Bridge Drainage System	303(d): Dominguez Channel Estuary, and Los Angeles River Reach 1	N	NA	NA	0	0	0	WPCP	E	7/18/2018	1/4/2019	1/6/2020	1/26/2022
341	32030	LA	605	1.7	10.24	4	Pavement Rehabilitation	303(d): Artesia Norwalk Drain, Coyote Creek, San Gabriel River 1 & 2, El Dorado Lake	N	TBD	TBD	59.58	0	0	SWPPP	DEFERRED	12/29/2017	6/28/2019	12/27/2021	12/26/2023
342	30980	LA	605	10.129	25.584	4	Install High Friction Surface Treatment, Safety Improvement	303(d): San Gabriel River Reach 2 & ,3 HR: Santa Fe Spreading Ground, Whittier Narrows Flood Control	N	NA	NA	0	0	0	WPCP	E	11/1/2016	6/2/2017	1/16/2018	7/15/2019
343	34140	LA	605	14.23	14.31	4	-	303(d): San Gabriel River Reach 2 & 3, Rio Hondo Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	10/5/2018	12/10/2019	10/3/2022	10/1/2024
344	30770 = 29570	LA	605	15.5	19.5	4	Ramp Pavement Repair & ADA Curb Ramp Upgrade	303(d): San Gabriel River, HR: Whittier Narrows Flood Control	N	NA	NA	0.05	0.02	NA	WPCP	E	7/1/2015	6/30/2017	11/3/2017	5/10/2021
345	3W510	LA	605	20.2	25.8	4	Pavement Preservation	303(d): San Gabriel River Reach 3, Sawpit Creek, Peck Road Park Lake HR: Santa Fe Spreading Ground	N	NA	NA	0	0	0	WPCP	E	7/1/2015	1/31/2017	5/25/2017	07/15/19
346	34080	LA	605	0R	7.65R	4	-	303(d): San Gabriel River Reach 1, Coyote Creek, Artesia Norwalk Drain, El Dorado Lakes	NA	TBD	TBD	*	TBD	TBD	TBD	-	2/8/2019	4/13/2020	2/6/2023	2/4/2025
347	33940	LA	605	20R	26R	4	Stormwater Mitigation	303(d): San Gabriel River Reach 3, HR: Santa Fe Spreading Ground/Dam	NA	402	TBD	10	0	0	SWPPP	BIOSTP 6, BIOSWL 10, DPPIA 2, CNTBOX 5	12/21/2017	2/25/2019	12/20/2021	12/15/2023
348	28860	LA	710	3.6	6	4	Gerald Desmond Bridge Replacement	303(d): Los Angeles River Reach 1 & Estuary, Los Angeles/Long Beach Inner Harbor	401	404, 1600	TBD	*	TBD	TBD	TBD	-	10/19/2010	5/31/2012	10/8/2012	3/22/2019

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
349	24990	LA	710	4.90	24.9	4	I-710 South Expansion * Oversight	303(d): Compton Creek, Los Angeles River Reach 1 & 2, Rio Hondo Reach 1, Los Angeles/Long Beach Inner Harbor, Los Angeles River Estuary, Dominguez Channel Estuary, HR: Dominguez Gap, Spreading Ground	401	404, 1600	NA	1424 to 1650	156.4 to 262.2	27.04% to 25.7%	SWPPP	C	12/14/2018	9/8/2025	12/22/2026	3/16/2028
350	1W970	LA	710	4.9	6.8	4	Digouts and Type A Overlay in LA County	303(d): Los Angeles River Reach 1 & Estuary, Los Angeles/Long Beach Inner Harbor	NA	TBD	TBD	*	TBD	TBD	TBD	-	9/20/2016	12/1/2017	7/16/2018	7/15/2020
351	31890	LA	710	6	8	4	Affordable Sale Program	303(d): Los Angeles River Reach 1 & Estuary, Los Angeles/Long Beach Inner Harbor	NA	TBD	TBD	*	TBD	TBD	TBD	-	7/17/2018	9/13/2018	7/12/2021	7/10/2023
352	18312	LA	710	9.4	18.4	4	Landscape Mitigation	303(d): Los Angeles River Reach 2	N	NA	NA	1.6	0	0	SWPPP	-	10/16/1997	4/4/2014	7/2/2015	8/5/2019
353	28920	LA	710	15.8	24.4	4	Stormwater Source Control	303(d): Los Angeles River Reach 2, Rio Hondo Reach 1	N	WDR 200	ADL	12.8	0.003	0	SWPPP	BIOSWL 1	6/25/2014	9/21/2015	8/15/2016	11/16/2020
354	33050	LA	710	16.5	23.2	4	Relocate appurtenances; Add slope/gore & narrow area paving; MVP: Access gates; Access roads; RICS	303(d): Los Angeles River Reach 2, Rio Hondo Reach 1	N	TBD	TBD	0.9	0.5	TBD	WPCP	E	10/4/2017	12/5/2018	9/30/2021	9/28/2023
355	3W740	LA	710	16.704	20.508	4	RHMA Overlay Digout	303(d): Los Angeles River Reach 2, Rio Hondo Reach 1	NA	TBD	TBD	*	TBD	TBD	TBD	-	9/26/2016	12/1/2017	7/16/2018	7/15/2020
356	20211=20210	LA	710	17.20	26.4	4	Long Life Pavement, Reconstruction and Widen Bridges	303(d): Los Angeles River Reach 2	401	404, 1600, WDR 200	ADL	22.5	4.02	4.87%	SWPPP	BIOSWL 19, DETBAS 1, CNTBOX 4	9/15/2010	4/25/2011	4/27/2012	7/6/2018
357	30830	LA	710	18	18.5	4	Reconstruction of Onramp	303(d): Los Angeles River Reach 2, Rio Hondo Reach 1	NA	TBD	TBD	*	TBD	TBD	TBD	-	6/15/2018	10/15/2020	9/16/2022	9/16/2024
358	27870	LA	710	18.20	18.5	4	Ramp Modification	303(d): Los Angeles River Reach 2	401	WDR 200	ADL	2.3	0.8	13.56%	SWPPP	BIOSWL 1	5/29/2014	12/29/2017	2/26/2018	12/30/2021
359	20212	LA	710	21.9	23.1	4	Long Life Pavement & Widen Bridges	303(d): Los Angeles River Reach 2	401	404, 1600	ADL	22.5	1.9	7.20%	SWPPP	BIOSWL 1, BIOSTP 1, CNTBOX 1	9/23/2016	5/8/2017	11/30/2017	12/15/2022
360	31340	LA	710	23	32	4	Drainage Improvement, Culvert Repair	303(d): Los Angeles River Reach 2	N	TBD	TBD	0.01	0	0	WPCP	E	12/29/2017	1/15/2019	9/30/2019	1/5/2022
361	31940	LA	710	23.44	23.44	4	Olympic Blvd. UC 53 1044 Deck Rehab	303(d): Los Angeles River Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	5/8/2018	7/12/2019	5/4/2022	3/21/2024
362	18790	LA	710	26.7	R32.1	4	710 North Study	303(d): Arroyo Seco Reach 1, Rio Hondo Reach 2, Los Angeles River Reach 2	401	404, 1600	NA	21.3 to 93	0.2 to 13.5	1.68% to 211.5%	SWPPP	C	12/15/2017	9/10/2020	12/30/2020	10/10/2023
363	31730	LA	60, 710	0, 5.6	30.5, 27.4	4	Overhead Sign Panels Replacement	303(d): Los Angeles River Reach 1 & 2, Compton Creek, San Gabriel River Reach 3, Los Angeles River Estuary, Legg Lake, San Antonio Creek	N	NA	NA	0.001	0	0	WPCP	E	8/24/2018	1/16/2020	1/27/2021	5/20/2022

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
364	30440	LA	60, 710	2.9R, 23.3	3.8R, 25.6	4	Stabilize Soil and Erosion Control	303(d): Los Angeles River Reach 2	N	TBD	TBD	36.82	1.73	2.83%	SWPPP	C	6/28/2017	6/15/2018	2/8/2019	1/12/2023
365	28150	LA/ VEN	101; 101	29.3; 0	38.2; 1.2	4	Stormwater Mitigation Best Management Practices	303(d): Las Virgenes Creek, Lindero Creek Reach 1	N	NA	NA	6.72	2.45	100%	SWPPP	BIOSTP 16, BIOSWL 17, MF 7	10/25/2010	3/15/2016	1/9/2017	8/13/2019
366	34060	LA/ VEN	002, Var	VAR	VAR	4,6	Repairing and rehabilitating the existing RMSs and VDSs and supporting communication technology	303(d): Los Angeles River Reach 3, 4, 5, Verdugo Wash Reach 1, 2, Burbank Western Channel, Tujunga Wash, Santa Clara River Reach 1, 5, 6, 7, Echo Park Lake, Dry Canyon Creek, McCoy Canyon Creek, Lake Calabasas, Las Virgenes Creek, Palo Comado Creek, Lindero Creek Reach 1, Lake Lindero, Arroyo Seco Reach 1, Aliso Canyon Wash, Calleguas Creek Reach 6, 7, 8, 11, 12, 13, 9B, 4, San Buenaventura Beach, Bull Creek, Madea Creek Reach 2, Promenade Park Beach	N	NA	NA	0.91	0.047	TBD	WPCP	E	4/21/2017	7/30/2018	12/30/2020	1/12/2023
367	32490	LA	005, 10, 91, 605, 710	VAR	VAR	4	Repair/Upgrade pump stations	303(d): Arroyo Seco Reach 1, Los Angeles River Reach 2 & 3, Burbank Western Channel, Tujunga Wash, San Gabriel River Reach 2	N	NA	NA	0	0	0	WPCP	E	9/29/2017	11/30/2018	9/27/2021	9/25/2023
368	32620	LA	039, 138, 71	VAR	VAR	4, 6	SR 138 PM 70.28 53-2174 (California Aqueduct) STRAIN--- Seismic Retrofitting	303(d): San Jose Creek Reach 2, HR California Aqueduct	N	NA	NA	0.046	0	0	WPCP	E	1/9/2019	6/18/2021	1/6/2022	12/7/2023
369	30160	LA	091, 110, 710	VAR	VAR	4	Seismic Retrofit Project (PID)	303(d): Los Angeles/Long Beach Inner Harbor, Compton Creek	N	NA	NA	0.039	0	0	WPCP	E	7/9/2018	5/28/2019	8/19/2020	8/18/2022
370	32720	LA	1, 10	R34.5, R2.1	35.2/ 18.4	4	Communication Upgrade	303(d): Santa Monica Bay Offshore/ Nearshore, Ballona Creek, Ballona Creek Estuary & Wetlands, Marina Del Rey Harbor-Back Basins, Los Angeles River Reach 2	N	NA	NA	0.96	0.87	TBD	WPCP	E	4/12/2018	6/13/2019	4/8/2022	2/28/2024
371	30150	LA	1, 10	R34.6, 2.15	35.2, 18.39	4	Pavement Preservation	303(d): Santa Monica Beach, Santa Monica Bay, Ballona Creek, Los Angeles River Reach 2	N	NA	NA	0.95	0.95	0.40%	WPCP	E	4/21/2016	11/20/2017	8/15/2018	7/1/2020

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
372	30990	LA	1, 107, 213, 2, 5, 101, 405	VAR	VAR	4	Improve Traffic Signal ITS Management System	303(d): Torrance Carson Channel	N	NA	NA	0	0	0	WPCP	E	3/10/2016	10/13/2016	6/30/2017	11/30/2018
373	30490	LA	1, 23, 27	VAR	VAR	4	Trash TMDL	303(d): Amarillo Beach, Dan Blocker Memorial, Malibu Beach, Malibu Lagoon, Malibu Lagoon Beach, Puerco Beach, Robert H. Meyer Memorial Beach, Carbon Beach, La Costa Beach, Solstice Cyn Ck, Las Flores Beach, Las Tunas Beach, Santa Monica Bay Offshore/Nearshore, Topanga Beach, Paradise Cove Beach, Point Dume Beach, Zuma Beach, Trancas Beach, Escondido Beach	N	TBD	ADL	4.55	0	0	SWPPP	BIOSWL 20, LNGTBE 6	3/30/2018	1/8/2019	10/31/2019	6/3/2021
374	29650	VEN	1, 33	28.15, 15.82	28.15, 16.13	4	Bridge Rail Upgrade	303(d): Matilija Creek Reach 1	401	404, California Coastal Commission, Fish & Game (1602)	NA	0.09	0.07	TBD	WPCP	E	11/5/2018	12/23/2019	7/8/2020	12/23/2021
375	31350	LA/ VEN	1, 1	37.67, 0	62.86, 0.92	4	Drainage Improvement, Culver Replacement	303(d): Will Rogers Beach, Santa Monica Bay Offshore/ Nearshore, Castlerock Beach, Topanga Beach, Las Tunas Beach, Las Flores Beach, La Costa Beach, Carbon Beach, Malibu Lagoon Beach, Malibu Beach, Malibu Lagoon, Amarillo Beach, Puerco Beach, Dan Blocker Memorial Beach, Solstice Canyon Creek, Escondido Beach, Paradise Cove Beach, Point Dume Beach, Zuma Beach, Trancas Beach, Sea Level Beach, Robert H. Meyer Memorial Beach, Nicholas Canyon Beach, and Leo Carillo Beach	N	TBD	TBD	0.5	0	0	WPCP	E	7/2/2018	12/10/2018	8/22/2019	8/20/2020

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
376	27440	LA	10, 105, 110	VAR	VAR	4	High Occupancy Toll Lanes	303(d): Los Angeles River Reach 2, Compton Creek, Dominguez Channel, San Jose Creek Reach 1, Ballona Creek, Walnut Creek Wash	N	NA	NA	2.02	0.14	0.03%	SWPPP	BIOSWL 1	4/30/2010	5/19/2010	1/17/2011	11/26/2018
377	3W200	LA	10, 39, 164, 710	VAR	VAR	4	Bridge Preservation: Patch deck spalls, place methacrylate, replace joint seals	303(d): San Gabriel River Reach 3, Walnut Creek Wash, San Jose Creek Reach 2, Legg Lake, Los Angeles River Reach 2	N	NA	NA	0	0	0	WPCP	E	8/3/2015	11/1/2016	6/15/2017	7/19/2018
378	26080	LA	10, 405	16.57, 4.75	30.1, 8.7	4	Stormwater Mitigation (Trash TMDL)	Alhambra Wash, Rubio Wash, Eaton Wash, Rio Hondo, 303(d): LA River Reach 1 & 2	NA	NA	NA	7.5	0.71	TBD	SWPPP	BIOSTP 25, BIOSWL 28, INDBAS 1, CNTBOX 1, LNGTBE 4, MF-ADS 1, MF-DSF 2	7/20/2018	11/12/2019	8/24/2020	2/24/2022
379	34050	LA	10, 60, 57, 71, 210, 605	var	var	4	Detection Repair	303(d): Ballona Creek, Los Angeles River Reach 2, San Gabriel River Reach 2 & 3, Walnut Creek Wash, San Jose Creek Reach 1 & 2, Sawpit Creek, Arroyo Seco Reach 2, Peck Road Park Lake, San Antonio Creek	N	NA	NA	0.82	0.034	TBD	WPCP	E	4/21/2017	7/30/2018	6/30/2020	7/12/2022
380	3X910	LA	10, 90, 110	VAR	VAR	4	Repair & Replace Stolen Electrical Wiring, Director's Order, Emergency Project	303(d): Ballona Creek, Dominguez Channel Estuary, Arroyo Seco Reach 1, Los Angeles River Reach 2	N	NA	NA	0.7	0	0	WPCP	E	9/19/2013	3/19/2014	12/24/2014	7/9/2018
381	30860	LA	10; 710	VAR	VAR	4	Upgrade Ramp Metering System	303(d): Los Angeles River Reach 1 & 2, Compton Creek, Ballona Creek, San Gabriel River Reach 3, San Antonio Creek, Puente Creek, Rio Hondo Reach 1, & San Jose Creek Reach 2, HR: Dominguez Gap Spreading Ground	N	NA	NA	0.003	0.003	100%	WPCP	E	6/13/2014	6/15/2015	1/14/2016	12/31/2018
382	22000	LA	101, 10	0.4, 17.1	0.6, 17.2	4	Construct Amtrak & Commuter Rail Viaduct	303(d): Los Angeles River Reach 2	NA	TBD	TBD	*	TBD	TBD	TBD	-	3/20/2018	1/22/2019	3/5/2019	5/15/2023

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
383	29110	LA/ VEN	101, 101	30.9; 12.6	38.2; 37.0	4	Install/Modify ADA Ramps & Construct Sidewalks	303(d): Los Angeles River, Malibu Creek, Calleguas, Revolon Slough, Calleguas Creek Reach 4,5&6, Pitas Point, Santa Clara River Reach 1, Ventura River Estuary, Beardsley Wash and Revolon Slough, Oxnard, San Buenaventura, Las Virgenes Creek, Palo Comado Creek, Medea Creek Reach 2, Lindero Creek Reach 1, Promenade Park Beach, Surfers Point Seaside, McGrath Beach, McGrath Lake, Calleguas Creek Beach 9B and 9A, Duck Pond Agriculture Drain, Mugu Drain, Oxnard Drain, Ventura River Reach 1 & 2	N	NA	NA	0.45	0.08	0	WPCP	E	2/9/2016	3/30/2017	10/19/2017	7/13/2018
384	29210	LA	101, 134, 170	var	var	4	Maintenance Safety Improvements	303(d): Los Angeles River Reach 4	N	NA	NA	1.02	0.3	1.61%	SWPPP	BIOSWL 2	4/15/2013	3/15/2015	10/15/2015	7/2/2018
385	28710	LA	101/10	0.075, 0.102	0.075, 0.102	4	Install Concrete Barrier, Beacon, & Safety Lighting	303(d): Los Angeles River Reach 2	N	NA	NA	0.92	0.07	NA	WPCP	E	8/31/2011	4/2/2015	1/12/2016	8/30/2018
386	1952U	VEN	101; 23	0.1; 3.3	4.5; 3.8	4	Interchange Improvement	303(d): Westlake Lake, Calleguas Creek Reach 13	N	WDR 200	ADL	6.6	1.9	1.77%	SWPPP	BIOSWL 9, BIOSTP 2	2/28/2005	4/18/2013	12/12/2013	7/9/2018
387	3W540	LA	105, 110	R7.1, 9.8	R7.8, 14	4	Bridge Preservation	303(d): Dominguez Channel, Compton Creek	N	NA	NA	0	0	0	WPCP	E	4/22/2016	11/7/2016	6/30/2017	12/20/2018
388	29720	LA	105 710	R12.79 14.9	R14.1 16.4	4	Install Safety Lighting /Signing	303(d): Los Angeles River Reach 2, Rio Hondo Reach 1	N	NA	NA	0.221	0	0	WPCP	E	10/31/2013	3/17/2015	12/22/2015	8/15/2019

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
389	33500	LA	110, 210, 605, 710, 2	R0.74, 0.0, 19.9, 5.0, 18.7	8.8, 35.8, 26, 9.4, 18.7	4	Install Detection System	303(d): Los Angeles/Long Beach Inner Harbor, Wilmington Drain, Machado Lake, Torrance Carson Channel, Dominguez Channel Estuary, Los Angeles River Estuary, Los Angeles River Reach 1, San Gabriel River Reach 3, Burbank Western Channel, Verdugo Wash Reach 2, Arroyo Seco Reach 2, Sawpit Creek, HR: Santa Fe Spreading Ground/Dam, Lopez Spreading Ground, Hansen Spreading Ground/Dam, Devil's Gate Dam	N	TBD	TBD	0	0	0	WPCP	E	12/28/2018	7/21/2020	4/22/2021	12/22/2021
390	3W180	LA	110, 405	17.28, 0.02	22.67, 22.22	4	Bridge Preservation: Patch deck spalls, place methacrylate, replace joint seals	303(d): San Gabriel River Estuary, Los Cerritos Channel, Los Angeles River Reach 1,2, Compton Creek, Dominguez Channel & Estuary, San Gabriel River Reach 1, Torrance Carson Channel	N	NA	NA	0	0	0	WPCP	E	8/3/2015	11/1/2016	6/15/2017	9/15/2018
391	31200	LA	110; 2; 5; 405	1.1; 18.7; 16.9; 21.3	26.0; 18.7; 16.9 21.3	4	Install Transportation System Management	303(d): Los Angeles/Long Beach Inner Harbor, Wilmington Drain, Torrance Carson Channel, Compton Creek, Machado Lake, Dominguez Channel Estuary, Dominguez Channel, Los Angeles River Reach 2 and 3, and Arroyo Seco Reach 1	N	NA	0.38	0.38	TBD	TBD	WPCP	E	7/12/2017	8/17/2018	8/15/2019	7/30/2021
392	29370	LA	110; 405	8; 12.2	9.0; 13.2	4	Interchange Improvements and Construction Auxiliary Lane	303(d): Dominguez Channel Estuary, Torrance Carson Channel	N	WDR 200	ADL	12.4	2.9	18%	SWPPP	BIOSWL 3	7/30/2015	3/1/2017	12/6/2017	12/5/2019
393	30210	LA	118, 27	R0, 18.6	R14.4, 20.1	4	Rehabilitate Pavement	303(d): Aliso Canyon Wash, Los Angeles River Reach 6	N	NA	NA	1.87	0.86	NA	SWPPP	C	7/30/2015	4/8/2016	1/19/2017	7/31/2018
394	29180	LA	134, 710	R13.1, R32.51	R13.1, R32.51	4	Seismic Retrofit	303(d): Arroyo Seco Reach 1	N	NA	NA	0.009	0.024	0	WPCP	E	7/3/2018	9/28/2018	10/23/2019	4/20/2022
395	29890	LA	138/14	61.7R	62.1R	6	Widen & Modify Ramp, Bridge, Signal	303(d): None	N	NA	NA	13.5	1.64	TBD	SWPPP	ID 4	11/27/2017	1/25/2019	7/3/2019	7/1/2021
396	31620	LA	14/138	67.95	67.95	6	Add New On/Off Ramps	303(d): None	N	NA	NA	14.6	4.5	NA	SWPPP	BIOSTP 4, INDTRE 2, DETBAS 2, MF ADS 1	1/10/2018	3/14/2019	1/5/2022	7/7/2023

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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
397	23280	LA	170; 405	14.7; 42.9	18.3; 43.1	4	Construction of Soundwalls	303(d): Los Angeles River Reach 4 & 5	N	NA	NA	7.95	1.4	1.74%	SWPPP	BIOSWL 10, CNTBOX 1, MF-ADS 1	6/20/2003	5/6/2016	8/1/2017	7/12/2019
398	28830	LA	2, 23, 60, 66, 164, 210	13.08, 6.75, 9.57, 0.0, 2.8, 31.64	14.35, 7.28, 10.84, 2.36, 3.2, 35.99	-	Target Pollutants (Stormwater Mitigation)	303(d): Echo Park Lake, Puddingstone Lake, Legg Lake, Peck Road Lake	N	NA	NA	9.54	0.7	100%	SWPPP	BIOSWL 30, CNTBOX 3, MF 1	9/28/2018	7/15/2019	9/30/2020	7/15/2022
399	28430	LA	2; 134	14.2; 7.6	22.2; 12.6	4	Transportation Enhancement	303(d): Verdugo Wash Reach 2, Los Angeles River Reach 3, Arroyo Seco Reach 1	N	NA	NA	4.3	0	0	SWPPP	C	9/27/2013	10/16/2014	1/15/2015	9/4/2020
400	29220	LA	2; 134	R18.6; 8.6	R19.6; 9.6	4	Maintenance Safety Improvements	303(d): Los Angeles River Reach 3	N	WDR 200	ADL	2.2	0.8	NA	SWPPP	BIOSWL 1	5/3/2013	4/1/2015	10/20/2015	7/2/2018
401	2838U	LA	2; 134; 101; 210	14.2, 7.6, 1.8, 25.4	23.1, 12.6, 15.6, 28.7	4	Vine Planting Transportation Enhancement, Stormwater Mitigation	303(d): Arroyo Seco Reach 1&2, Los Angeles River Reach 3 & 4, Verdugo Wash Reach 2, Echo Park Lake	N	NA	NA	9.83	0	0	SWPPP	E	8/14/2014	7/1/2014	1/29/2015	7/2/2018
402	3P680	LA	210, 2	39.7, 18.7	39.7, 18.7	4	Modifying traffic signal, install ped-x sign	Big Dalton Wash	N	NA	NA	0.074	0	0	WPCP	E	4/11/2016	4/3/2017	5/25/2017	11/20/2018
403	30930	LA	210 405 605	R38.58 34.21 22.15	R38.96 34.21 23.96	4	Seismic Retrofit	303(d): None, HR: Santa Fe Spreading Ground/Flood Control Basin	N	NA	NA	0	0	0	WPCP	E	9/11/2017	7/15/2019	4/10/2020	6/16/2021
404	33120	LA	210, 57	44.04, 11.15	44.04, 11.15	4	Gold Line Foothill Extension	San Dimas Wash, 303(d): Walnut Creek	N	NA	NA	2.77	0	0	SWPPP	BIOSWL 1	11/9/2016	8/20/2018	11/3/2020	12/30/2022
405	28660	LA	22, 91, 405	0.9, 13.5, 0.4	1.3, 16.1, 6.3	4	Construct Stormwater Treatment BMPs	303(d): Alamitos Bay, Los Cerritos Channel	N	WDR 200	ADL	8.71	2.11	NA	SWPPP	BIOSWL 16, INDBAS 1, DETBAS 3, SA 2 CNTBOX 1, LNGTBE 2, MF-ADS 5	8/25/2014	6/26/2017	8/30/2018	8/12/2020
406	31330	VEN	23; 101; 126	R5.61; 13.75, 26.72; 1.45, R5.26	R5.61; 13.75, 26.72; 1.45, R5.26	4	Stormwater Mitigation	303(d): Calleguas Creek Reach 6, 12, Ventura Harbor: Ventura Keys, Brown Barranca/Long Canyon	N	NA	NA	0.96	0.96	100%	WPCP	E	5/19/2017	1/18/2018	8/30/2018	5/15/2019
407	2750U	VEN	33/101	0.9/2.3	T6/13.8	4	Stormwater Mitigation for Ventura River	303(d): Calleguas Creek Reach 6, 9B, 13, Ventura River Reach 1, 2, 3, Canada Larga	N	NA	NA	2.46	1.52	3.85%	SWPPP	BIOSTP 1, CNTBOX 7, MF-ADS 7	2/3/2009	9/18/2015	5/2/2016	9/28/2018
408	32370	VEN	33/150	11.2, 13.3	12.3, 19.0	4	Cold plane and Overlay AC pavement	303(d): Ventura River Reach 4, San Antonio Creek	N	NA	NA	0.25	0.1	0	WPCP	E	1/16/2018	7/26/2021	4/8/2021	7/8/2022
409	3X870	LA	405, 105	20.6, 2.5	21.1	4	Repair PCC Slab	303(d): Dominguez Channel	N	NA	NA	5.72	0.5	15.90%	SWPPP	MF-ADS 2	6/10/2015	8/5/2016	12/29/2016	6/12/2019
410	13820	LA	47, 103	3.4, 0.0	4.6, 1.1	4	Replace Steel Bridge with Cast in Place Reinforced Concrete Bridge	303(d): Los Angeles/Long Beach Inner Harbor	401	404, 1600	NA	29	1.3	5.60%	SWPPP	BIOSWL 3	5/19/2009	7/30/2010	7/13/2011	12/31/2019



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		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
411	3W230	LA	5 14 110 118 710	20.31 R25.97 24.55 R7.3 R32.68	R53.94 R30.89 30.10 R13.68 R32.68	4	Bridge Preservation: Patch deck spalls, place methacrylate, replace joint seals	303(d): Los Angeles River 2 & 3, Arroyo Seco Reach 1 & 2, Verdugo Wash Reach 1, Burbank Western Channel, Tujunga Wash, Bull Creek, Aliso Canyon Wash, Santa Clara River Reach 5, 6, 7 & 9	N	NA	NA	0	0	0	WPCP	E	8/3/2015	11/1/2016	6/15/2017	8/11/2018
412	33300	LA	5, 2, 101	14.7, 18.7, 11.8	26.9, 18.7, 11.8	4	Safety, Mobility, TSM, Roadside Workers Safety	303(d): Los Angeles River Reach 2 & 3, Arroyo Seco Reach 1	N	NA	NA	3.26	0.7	TBD	SWPPP	BIOSWL 1, LNGTBE 1	10/4/2017	12/5/2018	9/30/2021	7/2/2024
413	28820	LA	5, 60	16, 0.1	16.8, R3.1	4	Stormwater Source Control	303(d): Los Angeles River Reach 2	N	NA	NA	18.1	0	0%	SWPPP	BIOSWL 1, BIOSTP 1	6/25/2014	9/30/2015	9/28/2016	10/30/2020
414	30880	LA	5, 605	6.2, R9.4	7.1, R10.6	4	Upgrade Irrigation System	303(d): San Gabriel River Reach 2	N	TBD	NA	0.9	0.15	TBD	WPCP	E	10/9/2017	8/5/2019	1/6/2021	4/22/2024
415	34210	Ker, LA/ LA	5, 99/ 5	var	var	4, 5	In Los Angeles County, at various locations. Establish standard vertical clearance.	303(d): Los Angeles River Reach 2, Burbank Western Channel, Tujunga Wash	NA	TBD	TBD	14	1	6.66%	SWPPP	C	10/1/2018	2/28/2020	10/30/2020	4/28/2022
416	31840	LA	5, 10	18, S0.4	19, 19	4	High Friction & Upgrade Lighting	303(d): Los Angeles River Reach 2, Lincoln Park Lake	N	NA	NA	0.0505	0.0367	TBD	WPCP	E	3/13/2017	12/1/2017	11/5/2018	7/31/2020
417	28030	LA	5, 10, 101, 110, 134	16.27, 0.0, 1.21, 21.4, 0.0	63.4, 18.42, 36.30, 25.75, 5.50	4	Install ADA Curb Ramps	303(d): Los Angeles River 2, 3, 4 & 5, Santa Clara River, Ballona Creek	N	NA	NA	0.11	0	0	WPCP	E	1/28/2019	9/23/2020	2/28/2020	2/21/2023
418	3W190	LA	5 10 91 101 105 710	16.29 18.41 R11.65 S1.28 R15.09 14.45	17.56 19.25 R11.65 S1.28 R17.77 R15.2	4	BRIDGE PRESERVATION: Patch deck spalls, place methacrylate, replace joint seals	303(d): Los Angeles River Reach 2, San Gabriel River Reach 1	N	NA	NA	0	0	0	WPCP	E	8/3/2015	11/1/2016	6/15/2017	7/15/2018
419	30600	LA	5, 14	R44.2, 24.8R	R46.0, 25.0R	4	Safety Enhancement	303(d): Bull Creek	N	NA	NA	2.6	0.04	NA	SWPPP	-	3/11/2015	5/4/2016	1/31/2017	7/31/2018
420	2777U = 27750+ 27760 + 27770	LA	5; 134	25.2; 4.81	27.5; R5.91	4	Install Plants for Erosion & Stormwater Source Control	303(d): Los Angeles River Reach 3	N	WDR 200	ADL	40	1.42	2.33%	SWPPP	BIOSWL 1	7/28/2011	7/24/2013	12/9/2013	9/24/2018
421	29510	LA	5; 18	38; R9.8	40.5; R12.3	4	Roadside Safety Improvements	303(d): Tujunga Wash	N	NA	NA	1.21	1.17	TBD	SWPPP	BIOSWL 1	3/29/2017	1/23/2018	12/12/2018	10/4/2021
422	21592	LA; ORA	5; 5	0; 44.3	1.4; 44.4	4	Widen and Realign Freeway	303(d): Coyote Creek	401	404, 1600	ADL	84.6	5.8	7.30%	SWPPP	BIOSTP 2, MF-ADS 3	6/29/2007	3/16/2015	5/27/2016	2/7/2020
423	29640	LA	5; 10; 60	16.1, 18.1, 0.4	17.0, 18.4, 1.0	4	Roadside Safety Improvement	303(d): Los Angeles River Reach 2	N	NA	NA	7	5	8.93%	SWPPP	BIOSWL 1, SA 3	11/2/2015	6/19/2017	1/8/2018	7/18/2022
424	31750	LA	5; 101; 405; 710	VAR	VAR	4	Drainage Improvement	303(d): Los Angeles River Reach 1 and 2, Rio Hondo Reach 1, Echo Park and Compton Creek	N	NA	NA	0	0	0	WPCP	E	12/1/2017	6/25/2018	8/14/2019	1/29/2021

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>2,3</sup>	Water Bodies Within or Adjacent to Project Limits <sup>4</sup>	Dredge and Fill Activities (Y/N/NA) <sup>5</sup>	Other Regional Water Board Permits Required <sup>6</sup>	Potential and Actual Impacts of Project's Discharge <sup>7</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>8</sup>	Post-Construction Treatment Control Type, Quantity <sup>9</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
425	29120	LA	57, 60	R7.7, 0.0	R12.2, 6.9	4	Install ADA Compliant Curb Ramps	303(d): Walnut Creek Wash, Los Angeles River Reach 2 HR: Pudding Stone Reservoir	N	NA	NA	0.17	0	0	WPCP	E	6/25/2015	6/23/2017	12/22/2017	12/20/2018
426	31190	LA	605, 2, 5	0.0, 18.7, 6.8	26.0, 18.7, 6.8	4	Upgrade Transportation Management System	303(d): Coyote Creek, Artesia-Norwalk Drain, San Gabriel River Reach 1, 2 and 3, San Jose Creek Reach 1, HR: Whittier Narrows Flood Control and Santa Fe Spreading Ground	N	NA	NA	0	0	0	WPCP	E	6/9/2015	2/20/2019	2/27/2020	6/30/2021
427	30400	LA	605; 60	R17.0, 11.5	R19.5, 12.0	4	Worker Safety	Avocado Creek, 303(d): San Gabriel River Reach 3, and San Jose Creek Reach 1	N	TBD	TBD	2.42	0.139	TBD	SWPPP	BIOSWL 1, BIOSTP1	6/5/2017	8/29/2018	8/1/2019	5/11/2022
428	4T710	LA	66, 2, 605	2.911, 18.7, 20.2	2.911, 18.7, 20.2	4	Install Traffic Signal	303(d): San Jose Creek Reach 2	N	NA	NA	0.118	0.09	NA	WPCP	E	7/15/2015	11/17/2015	7/20/2016	2/12/2019
429	29010	LA	91 105	R6.5 R4.0	R11.04 R11.3	4	Install Concrete Barriers & Reconstruct MBGR	303(d): Compton Creek, Los Angeles River Reach 2, Dominguez Channel	N	NA	NA	1.75	1.5	24.70%	SWPPP	BIOSWL 7	12/20/2013	8/26/2015	12/30/2015	7/6/2018
430	31920	LA	91 105 110 405	R6.34 0.5 R1.23 0.27	18.09 R18.18 11.89 28.51	4	Reduce severity collisions	303(d): Dominguez Channel, Dominguez Channel Estuary, Compton Creek, Los Angeles River Reach 1 & 2, San Gabriel River Reach 1, Torrance Carson Channel, Los Angeles/Long Beach Inner Harbor, Los Cerritos Channel, Ballona Creek	N	TBD	NA	0	0	0	WPCP	E	8/15/2017	10/16/2018	8/11/2021	8/10/2023
431	28670	LA	91; 105; 110; 405	VAR	VAR	4	Implement Stormwater Mitigation Best Management Practices	303(d): Dominguez Channel, Dominguez Channel Estuary, Los Angeles/Long Beach Inner Harbor, Los Angeles River Reach 1, Compton Creek, Torrance Carson Channel	N	NA	TBD	9.4	3.4	100%	SWPPP	BIOSTP 5, BIOSWL 26, MF-ADS 10	6/28/2013	5/31/2017	12/26/2017	7/10/2019
432	29810	LA	91 605	R14.1 2.87	R19.81 6.36	4	Capacity Enhancement Congestion Relief	303(d): San Gabriel River Reach 1 and Estuary, Los Cerritos Channel, Coyote Creek	401	404, 1600	TBD	109	48	25%	SWPPP	BIOSTP 3, BIOSWL 21, INDBAS 3, DETBAS 1, MF-ADS 2, CNTBOX 9	6/29/2018	9/18/2019	8/25/2022	9/23/2024

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>2,3</sup>	Water Bodies Within or Adjacent to Project Limits <sup>4</sup>	Dredge and Fill Activities (Y/N/NA) <sup>5</sup>	Other Regional Water Board Permits Required <sup>6</sup>	Potential and Actual Impacts of Project's Discharge <sup>7</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>8</sup>	Post-Construction Treatment Control Type, Quantity <sup>9</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
433	24070	LA/ VEN	VAR	var	var	4	HAR Upgrade & Modify for Amber Alert (Inactive)	303(d): Alamitos Bay, Aliso Cyn Wash, Arroyo Seco Reach 1, Artesia Norwalk Drain, Ballona Creek, Ballona Creek Wetlands, Bull Creek, Burbank Western Channel, Calleguas Creek 5, 6, 7, 9A, 9B, 13, Chino Creek Reach 2, Coyote Creek, Dominguez Channel, Dry Cyn Creek, LA River Reach 2, 3, 4&5, Los Cerritos Channel, McCoy Cyn Creek, Palo Camado Creek, Peck Rd Park Lake, Puente Creek, Rio Hondo Reach 2, San Antonio Creek, San Gabriel River Estuary, San Gabriel River Reach 1, 2, 3, San Jose Creek Reach 2, Santa Monica Bay Offshore/Nearshore, Santa Monica Cyn, Santa Fe Dam Reservoir Area, Sawpit Creek, Sepulveda Cyn, Torrance Carson Ch, Tujunga Wash, Verdugo Wash Reach 1&2, Walnut Creek Wash	N	NA	NA	0.087	0	0	WPCP	E	3/28/2013	6/1/2016	1/9/2017	9/3/2019
434	31930	LA	VAR	VAR	VAR	3, 4, 6	Upgrade curve warning signs on Various Routes	303(d): TBD	NA	TBD	TBD	0	0	0	WPCP	E	7/15/2019	8/14/2020	9/15/2021	12/30/2022

Table 6-1: District 7 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description <sup>2,3</sup>	Water Bodies Within or Adjacent to Project Limits <sup>4</sup>	Dredge and Fill Activities (Y/N/NA) <sup>5</sup>	Other Regional Water Board Permits Required <sup>6</sup>	Potential and Actual Impacts of Project's Discharge <sup>7</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD) <sup>8</sup>	Post-Construction Treatment Control Type, Quantity <sup>9</sup>	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB <sup>1</sup>											PA&ED Date	PS&E Date	Start Date	End Date
435	34040	LA	VAR	VAR	VAR	4	Detection Repair	303(d): Rio Hondo Reach 1 & 2, Los Angeles River Reach 2, 3, 4 & Estuary, Los Angeles/Long Beach Inner Harbor, Los Angeles Harbor, Ballona Creek & Estuary & Wetlands, Compton Creek, San Gabriel River Reach 1, 2, 3 & Estuary, Coyote Creek, Dominguez Channel & Estuary, Wilmington Drain, Torrance Carson Channel, Arroyo Seco Reach 1, Los Cerritos Channel, Artesia-Norwalk Drain, San Jose Creek Reach 1, Marina Del Rey Harbor, Machado Lake, Sepulveda Canyon	N	NA	NA	0.31	0.013	TBD	WPCP	E	4/21/2017	2/26/2018	12/30/2019	12/27/2021
436	31770	LA/ VEN	VAR	VAR	VAR	4	Slope Paving, Drainage Corrections	303(d): Dominguez Channel Estuary, Los Angeles/Long Beach Inner Harbor, Los Angeles River Reach 2, Los Angeles Harbor-Consolidated Slip, Calleguas Creek Reach 6, San Antonio Creek	N	TBD	TBD	0.9	0.9	TBD	WPCP	E	7/16/2018	5/20/2019	3/30/2020	3/30/2021

Treatment Control Status Legend	
<b>BMP Device Types:</b>	
BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

\* Water quality volume (WQV) infiltrates within the right-of-way. (When this is demonstrated for at least 90 percent of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)

Table 6-2 lists the planned maintenance projects that will disturb soil.

Table 6-2: District 7 Anticipated Significant Road Maintenance Activities

No.	Co.	Route	Beg PM	End PM	Regional Board	Description	Water Bodies Affected <sup>10</sup>	Other Regional Water Board Permits Required <sup>11</sup>	Potential and Actual Impacts of Project's Discharge <sup>12</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD/NA) <sup>13</sup>	Post-Construction Treatment Control Type, Quantity <sup>14</sup>	Start Date	Completion Date
1	LA/ VEN	Various	Various	-	4	Maintain full capture trash devices per trash TMDLs as passed on to maintenance	Los Angeles River, Ballona Creek, San Gabriel River	No	Unknown	Unknown	0	0	NA	Depends on device	07/18	06/19
2	LA	1	35.1	62.8	4	Crack sealing,	Pacific Ocean	No	Unknown	Unknown	0	0	NA	Unknown	07/18	06/19
3	LA	2	2.3	22.8		Shoulder grading, slab repair, paving drain cleaning,	Los Angeles River, San Gabriel River, Tujunga Wash, Bull Creek, Santa Clara River, Bull Creek, Pyramid Lake									
4	LA	5	0.0	88.6		Sweeping, litter removal, slide removal, Winter operations.										
	LA	10	2.0-	46.2		Guardrail & fence repair. Maintain STBMPs	Ballona Creek, Los Angeles River, San Gabriel River									
5	LA	14	0.0	77.0	4 & 6	Crack sealing, shoulder grading, slab repair, paving, drain cleaning, sweeping, litter removal slide removal, Winter operations. Guardrail & fence repair.	Newhall Creek, Placerita Creek, Agua Dulce Creek, Santa Clara River, Ana Verde Wash, Amargosa Wash, California Aqueduct	No	Unknown	Unknown	0	0	NA	Unknown	07/18	06/19
6	LA	57	0.0	5.9	4	Crack sealing, slab repair, paving, drain cleaning, sweeping, litter removal, graffiti removal. Guardrail & fence repair.	Walnut Creek, San Jose Creek, San Gabriel River, Los Angeles River.	No	Unknown	Unknown	0	0	NA	Unknown	07/18	06/19
						Maintain STBMPs										
7	LA	60	0.0-	30.4	4	Crack sealing, slab repair, paving, drain cleaning, sweeping, litter removal, graffiti removal. Guardrail & fence repair.	Walnut Creek, San Jose Creek, San Gabriel River, Los Angeles River.	No	Unknown	Unknown	0	0	NA	Unknown	07/18	06/19
						Maintain STBMPs										
8	LA	101	0.0	38.1	4	Crack sealing, paving, sweeping, litter removal drain cleaning,	Los Angeles River, Tujunga Wash.	No	Unknown	Unknown	0	0	NA	Unknown	07/18	06/19
9	LA	105	0.0	24.0	4	graffiti removal. Guardrail & fence repair.	Los Angeles River, Ballona Creek, Dominguez Channel, Compton Creek									
10	LA	110	0.0	3.1	4	Maintain STBMPs.	Los Angeles River, Dominguez Channel, Compton Creek.									

<sup>10</sup> Receiving waters within or adjacent to maintenance activity designated as “303(d) (constituent type).” Activity adjacent to Drinking Water Reservoir or Groundwater Recharge Facilities designated as “DW.”

<sup>11</sup> Regional Water Board Permits required other than CGP, such as Clean Water Act Section 401 water quality certification, Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.

<sup>12</sup> This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.

<sup>13</sup> A description of the Construction Controls is available in the project’s SWPPP, WPCP, is To Be Determined (TBD) if the Disturbed Soil Area is unavailable, or is Not Applicable (NA) because there is no Disturbed Soil Area associated with the project.

<sup>14</sup> Treatment Control Status identified by: device type/number of devices, exempt (“E”), or under consideration (“C”). See Treatment Control Status Legend below for device type abbreviations.

Table 6-2: District 7 Anticipated Significant Road Maintenance Activities

No.	Co.	Route	Beg PM	End PM	Regional Board	Description	Water Bodies Affected <sup>10</sup>	Other Regional Water Board Permits Required <sup>11</sup>	Potential and Actual Impacts of Project's Discharge <sup>12</sup>	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD/NA) <sup>13</sup>	Post-Construction Treatment Control Type, Quantity <sup>14</sup>	Start Date	Completion Date
11	LA	118	0.0	23.1	4	Crack sealing, paving, sweeping, litter removal, shoulder grading.	Los Angeles River.	No	Unknown	Unknown	0	0	NA	Unknown	07/18	06/19
12	VEN	101	0.0	2.6	4	Maintain STBMPs	Santa Clara River, Ventura River, Franklin Barranca, Wesson Bar, Ellsworth Bar, Todd Bar, Haines Bar, Adams Bar, Santa Paula Creek, Haun Creek, O'leary Creek, Lord Creek, Sespe Creek, Pole Creek, Fall Creek, Hopper Creek, Piru Creek, Camulos Creek, Santa Clara River.									
13	VEN	126	0.0	34.6	4	Guardrail & fence repair										
14	VEN	150	18.5	32.3	14	Crack sealing, paving, sweeping, litter removal, drain cleaning Maintain STBMPs Guardrail & fence repair  Shoulder grading, basin, culvert and drop inlet cleaning.	San Antonio Creek, Thatcher Creek, Lyon Cyn Creek, Sycamore Creek, Sisar Creek, Santa Paula Creek.									
15	LA	126	0.0	6.4	4	Shoulder grading, basin and culvert cleaning, slide removal.	Santa Clara River.	No	Unknown	Unknown	0	0	NA	Unknown	07/18	06/19
16	LA	210	0.0	2.0	4	Guardrail & fence repair.	Bull Creek, Tujunga Wash, San Gabriel River, Santa Fe flood basin.									
17	LA	405	0.0	49.0	4	Crack sealing, slab repair, paving, sweeping, litter removal,	Coyote Creek, San Gabriel River, San Jose Creek, Walnut Creek, Santa Fe flood basin. Ballona Creek									
18	LA	605	0.0	26.0	4	graffiti removal, and drain cleaning. Guardrail & fence repair.										
19	LA	710	0.0	27.4	4	Maintain STBMPs	Pacific Ocean, Dominguez Channel, Los Angeles River, Laguna Channel									

Treatment Control Status Legend	
<b>BMP Device Types:</b>	
BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

\* WQV infiltrates within the right-of-way. (When this is demonstrated for at least 90 percent of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)



Table 6-3 lists the District's planned monitoring activities.

**Table 6-3: District 7 Monitoring Activities**

Statewide Monitoring Program Activities
<ul style="list-style-type: none"> <li>• D7 Stormwater Maintenance will continue to monitor our facility and field activities through formal and informal inspections. We will provide training to employees and continue to inspect and maintain TBMPs as they come on-line in the District.</li> <li>• Continue monitoring through cooperative agreements and participation in cooperative group activities and maintaining regular communications in the following watersheds for the following TMDLs or activities:             <ol style="list-style-type: none"> <li>1. Calleguas Creek watershed group for all TMDLs in which Caltrans is a stakeholder: Monitoring is conducted at the following sites: 01_RR_BR, 01_BPT_3, 01_BPT_6, 01_BPT_14, 01_BPT_15, 01_SG_74, Central Lagoon, Western Arm, 04_WOOD, 05_CENTR, 02_PCH, 03_UNIT, 03D_CAMR, 9A_HOWAR, 9AD_CAMA, 9B_ADOLF, 10_GATE, 10D_HILL, 12_PARK, 13_BELT, 9B_BARON, 06_SOMIS, 06D-MOOR, 07_HITCH, 07_TIERRA, 07_MADER, 07D_SIMI, Description of sites is available upon request.</li> <li>2. Ventura River Estuary watershed group for Trash TMDL. Monitoring is conducted at the following sites: MFAC Areas 1, 2, 3, &amp; 4, Description of sites is available upon request.</li> <li>3. Ventura River watershed group for Algae TMDL: Monitoring is conducted at the following sites: TMDL-R1, TMDL-R2, TMDL-R3, TMDL-R4, TMDL-SA, TMDL-CL. Description of sites is available upon request.</li> <li>4. Malibu Creek watershed group for bacteria TMDL – Monitoring is conducted at the following sites:                 <ol style="list-style-type: none"> <li>a. MCW-CIMP 1, Mass Emission Station S-02, MCW-CIMP 3, MCW-CIMP 4, MCW-CIMP 5, MCW-CIMP 6, MCW-CIMP 7, MCW-CIMP 8, MCW-CIMP 9, MCW-CIMP 10, MCW-CIMP 11, MCW-CIMP 12, MCW-CIMP 13, MCW-CIMP 14, NSMBCW-RW2</li> <li>b. <a href="http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/malibu_creek/Malibu%20Creek%20Final%20CIMP%202016-02-10.pdf">http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/malibu_creek/Malibu%20Creek%20Final%20CIMP%202016-02-10.pdf</a></li> <li>c. Dominguez Channel Watershed group for Contaminated Sediment Management Plan and Bathymetry and Sediment Transport Special Study (a new agreement recently executed)</li> <li>d. Revolon Slough and Beardsley Wash group for Trash TMDL monitoring</li> <li>e. Santa Monica Bay group for Bacteria TMDL monitoring for Santa Monica Bay Jurisdictional Group 1 through 6 by participating in group activities of Beach Cities Watershed Management Group and North Santa Monica Bay Jurisdictional Groups 2 &amp; 3 Watershed Management Group. Monitoring is conducted at the following sites:                     <ol style="list-style-type: none"> <li>i. Santa Monica Bay Beaches Bacteria TMDL 1-1, 1-4, 1-5, 1-7, 1-11, 1-15, 2-3, 2-5, 2-6, 2-8, 2-9, 2-12, 2-14, 2-15, 3-1, 3-2, 3-7, 3-9, 4-1, 5-2, 5-4, 6-1, 6-4, MC-1, MC-3.</li> <li>ii. Santa Monica Bay Beaches Bacteria TMDL 1-2, 1-3, 1-6, 1-8, 1-10, 1-12, 1-13, 1-14, 1-16, 1-17, 1-18, 2-1, 2-2, 2-4, 2-7, 2-10, 2-11, 2-13, 3-3, 3-4, 3-5, 3-6, 3-8, BC-1, MC-2.</li> <li>iii. Santa Monica Bay Bacteria TMDL SMB 5-1, 5-3, 5-5, 6-2, 6-3, 6-5, 6-6. (For description of sites, including coordinates, go to links below:                         <ol style="list-style-type: none"> <li>1. <a href="http://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/2002-022/04_0407/SMBBB%20TMDLs%20CSMP.pdf">http://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/2002-022/04_0407/SMBBB%20TMDLs%20CSMP.pdf</a> and</li> <li>2. <a href="http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/santa_monica/north_santamonicabay/FinalCIMP_OtherPages.pdf">http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/santa_monica/north_santamonicabay/FinalCIMP_OtherPages.pdf</a> and</li> <li>3. <a href="http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/santa_monica/SMBJ2&amp;3revisedCIMP_August102015.pdf">http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/santa_monica/SMBJ2&amp;3revisedCIMP_August102015.pdf</a> and</li> <li>4. <a href="http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/beach_cities/Beach_Cities_CIMP.pdf">http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/beach_cities/Beach_Cities_CIMP.pdf</a></li> </ol> </li> </ol> </li> </ol> </li> <li>5. Regional Monitoring Coalition Monitoring at the Greater Los Angeles and Long Beach Harbor Waters for Toxics TMDL. The group conducts monitoring at the following sites: CB01, CB02, HW07, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, and 22. (For a description of sites, go to the link below:                 <ol style="list-style-type: none"> <li>a. <a href="http://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/66_New/14-06-13/FinalDraft_CCMRP_1.17.14.pdf">http://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/66_New/14-06-13/FinalDraft_CCMRP_1.17.14.pdf</a></li> </ol> </li> </ol> </li> </ul>

**Table 6-3: District 7 Monitoring Activities**

Statewide Monitoring Program Activities
<p>6. Explore possibilities of participating in local watershed management groups' Coordinated Integrated Monitoring Programs (CIMPs) or monitoring directly and participate in cooperative group activities and maintaining regular communications in the following watersheds for the TMDLs:</p> <ul style="list-style-type: none"> <li>a. Lower Los Angeles River Watershed Management Group. The group conducts monitoring at the following sites: Lower Los Angeles River monitoring sites: S10 (for LA&amp;LB Harbor Toxics TMDL), LLAR2, LARB1 (LARB Wardlow), LARB2 (LARB Rosecrans), LARB7 (LARB Rio Hondo), LARE1 (LARE Estuary Mouth), LARE2 (LARE Queensway), LARE3 (LARE Willow).</li> <li>b. For a description of sites, including coordinates, go to the link below: <ul style="list-style-type: none"> <li>i. <a href="http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/los_angeles/lower_losangeles/LLAR_CIMPfinaldraft_Revised_06292015.pdf">http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/los_angeles/lower_losangeles/LLAR_CIMPfinaldraft_Revised_06292015.pdf</a></li> </ul> </li> <li>c. Lower San Gabriel River Watershed Management Group. The group conducts monitoring at the following sites: NFC1, CC2, SG1, BC1, S13, GR1, R8</li> <li>d. For the description of the sites and their coordinates are accessible through the following link: <ul style="list-style-type: none"> <li>i. <a href="http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/san_gabriel/lower_sangabriel/LowerSanGabrielRiverRevisedCIMP.pdf">http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/san_gabriel/lower_sangabriel/LowerSanGabrielRiverRevisedCIMP.pdf</a></li> </ul> </li> <li>e. Los Cerritos Channel Watershed Management Group. The group conducts monitoring at the following sites: <ul style="list-style-type: none"> <li>i. Los Cerritos Channel Monitoring sites: LCC1, SB-4, SB-10.</li> <li>ii. (For a description of sites, including coordinates, go to the link below:</li> <li>iii. <a href="http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/los_cerritos_channel/LCC_CIMP_Final_Revised_06292015.pdf">http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/los_cerritos_channel/LCC_CIMP_Final_Revised_06292015.pdf</a></li> </ul> </li> </ul> <p>7. Participation in local watershed management group's activities and maintain regular communications in the following watersheds:</p> <ul style="list-style-type: none"> <li>a. Ballona Creek Watershed Management group. The group conducts monitoring at the following sites: <ul style="list-style-type: none"> <li>i. Ballona Creek Bacteria TMDL Monitoring Stations: BC_01_WAS (BCB-1), BC_02_DUQ (BCB-2), BCC-DUQ (BCB-3), SC_CUL (BCB-4), BC_02_ING (BCB-5), BCE_MCC (BCB-6), CC_ING (BCB-7), BCE_PAC (BCB-8), DRL-BCE (BCB-9), BC_020, BC_032. (For a description of the sites, including coordinates, go to the link below:</li> <li>ii. <a href="http://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/2006-011/08_0505/BCB%20CMP%20final%20draft%20with%20appendicies%2004-23-08.pdf">http://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/2006-011/08_0505/BCB%20CMP%20final%20draft%20with%20appendicies%2004-23-08.pdf</a></li> <li>iii. <a href="http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/ballona_creek/Final_Conditionally_Approved_BallonaCreek_CIMP_Reduced_File_Size.pdf">http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/ballona_creek/Final_Conditionally_Approved_BallonaCreek_CIMP_Reduced_File_Size.pdf</a></li> </ul> </li> <li>a. Ballona Creek Metals &amp; Toxics TMDLs Monitoring Stations: BC_01_NAT, BC_02_SAW, BCE_PAC, CC_CEN, BC_SW_FAI, BC_020. (For a description of the sites, including coordinates, go to the link below: <ul style="list-style-type: none"> <li>i. <a href="http://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/2005-007/07_0301/BCCoordinateMonitoringPlan.pdf">http://www.waterboards.ca.gov/losangeles/board_decisions/basin_plan_amendments/technical_documents/2005-007/07_0301/BCCoordinateMonitoringPlan.pdf</a> and</li> <li>ii. <a href="http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/ballona_creek/Final_Conditionally_Approved_BallonaCreek_CIMP_Reduced_File_Size.pdf">http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/ballona_creek/Final_Conditionally_Approved_BallonaCreek_CIMP_Reduced_File_Size.pdf</a></li> </ul> </li> </ul> <p>2. Marina del Rey Harbor Watershed Management group. The group conducts monitoring at the following sites:</p> <ul style="list-style-type: none"> <li>a. Marina del Rey Harbor Bacteria TMDL Monitoring Stations: MdRH-1, MdRH-2, MdRH-3, MdRH4 S, MdRH4 D, MdRH-5, MdRH-6 S, MdRH-6 D, MdRH-7, MdRH-8 S, MdRH-8 D, MdRH-9 S, MdRH-D. (For a description of the sites including coordinates go to the link below: <ul style="list-style-type: none"> <li>i. <a href="http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/marina_delrey/MdRCIMPFeb292016Final.pdf">http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/marina_delrey/MdRCIMPFeb292016Final.pdf</a> and</li> </ul> </li> </ul>

**Table 6-3: District 7 Monitoring Activities**

Statewide Monitoring Program Activities
<p>also the attached Marina del Rey Harbor Mother's Beach and Back Basins Bacteria TMDL Coordinated Monitoring Plan at:</p> <p>ii. <a href="https://1drv.ms/b/s!Ajn_vJKnGgkna-XICQ98hlxzvpU">https://1drv.ms/b/s!Ajn_vJKnGgkna-XICQ98hlxzvpU</a></p> <p>b. Marina del Rey Harbor Toxics TMDL Monitoring Stations: MdR-3, MdR-4, MdR-5, MdRU-C1, MdRU-C2, MdRH-B-1, MdRH-B-2, MdRH-B-3, MdRH-B-4.</p> <p>c. (For description of sites including coordinates, see the attached Marina del Rey Harbor Toxic Pollutants Total Maximum Daily Load Coordinated Monitoring Plan <a href="https://1drv.ms/b/s!Ajn_vJKnGgknbHMgyGJV3bN7Tps">https://1drv.ms/b/s!Ajn_vJKnGgknbHMgyGJV3bN7Tps</a> and the link below:</p> <p>i. <a href="http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/marina_delrey/MdRCIMPFeb292016Final.pdf">http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/marina_delrey/MdRCIMPFeb292016Final.pdf</a>)</p> <p>3. Colorado Lagoon Toxics TMDL group.</p> <p>4. Los Angeles County Integrated Regional Watershed Management (IRWM) Plan North Santa Monica Bay Steering Committee.</p>
ASBS Core Monitoring Sites
<p>District sites include the following:</p> <ul style="list-style-type: none"> <li>• There are 47 Core Monitoring sites proposed for monitoring: <ul style="list-style-type: none"> <li>○ MUG283, MUG283RW, MUG005, MUG010, MUG013, MUG016, MUG028, MUG031, MUG041, MUG046, MUG048, MUG049, MUG051, MUG053, MUG058, MUG059, MUG061, MUG066, MUG070, MUG073, MUG077, MUG078, MUG135, MUG147, MUG150, MUG187, MUG318, MUG346, MUG355, SAD0950, SAD0960, SAD0970, SAD980, SAD990, SAD1000, SAD1030, SAD1040, SAD1050, SAD1060, ALT004, ALT005, ALT006, ALT008, ALT009, ALT010, ALT011, ALT017</li> </ul> </li> </ul>
ASBS Ocean Receiving Water and Reference Monitoring Sites
<p>District sites include the following:</p> <ul style="list-style-type: none"> <li>• One ocean receiving water site and one ocean reference monitoring site are proposed for monitoring.</li> </ul>

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## **7 Region-Specific Activities**

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Region-specific requirements are not applicable to District 7.

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## **8 DWP Noncompliance and Improvements**

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No DWP noncompliance incidents or improvements were identified for District 7.

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